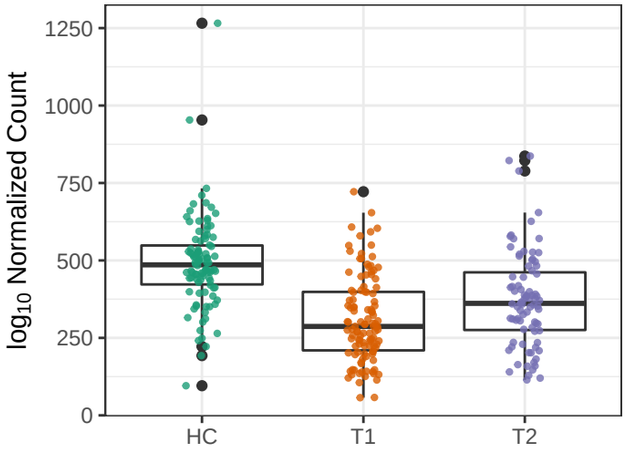
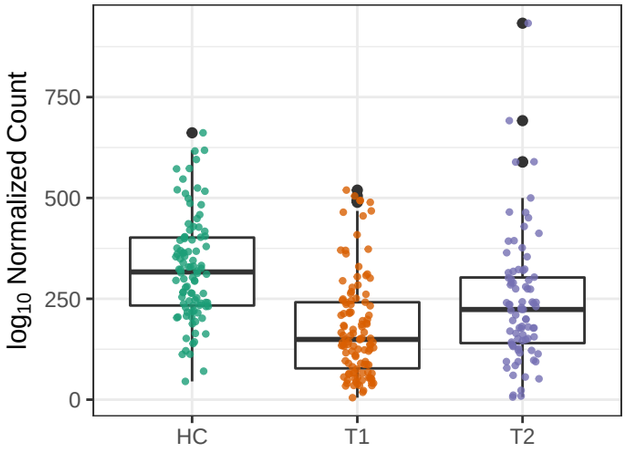
DTDPRHAMSYN−PWY: dTDP−L−rha

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



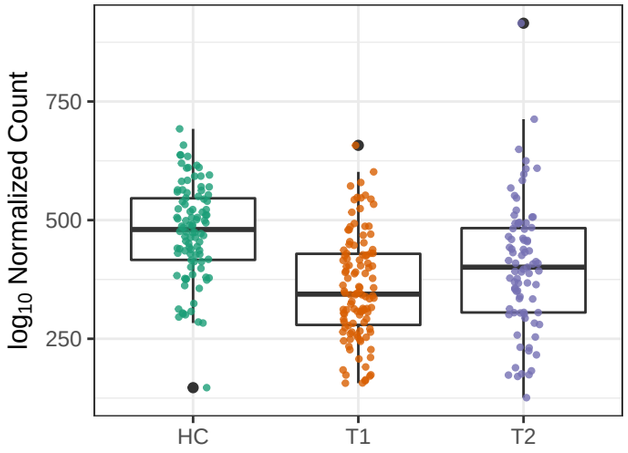
PWY−621: sucrose degradation III (suc

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



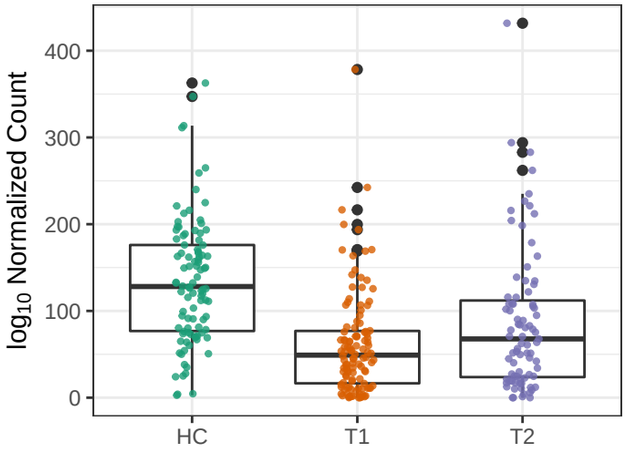
CALVIN−PWY: Calvin−Benson−Bassha

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



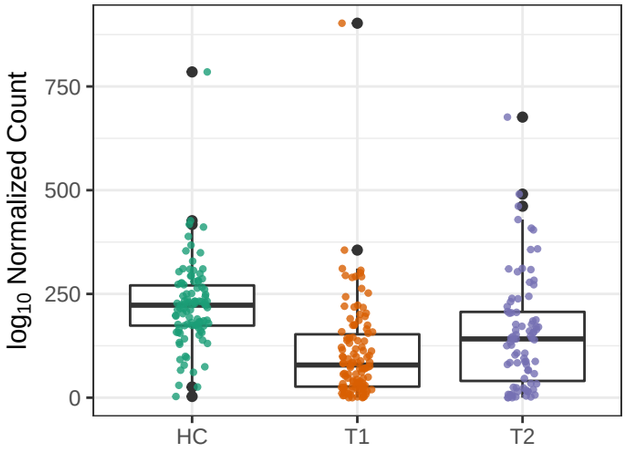
PWY−5177: glutaryl−CoA degradation

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



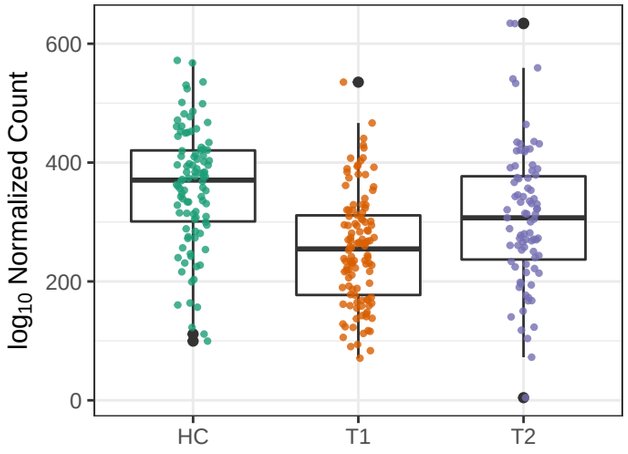
COBALSYN−PWY: adenosylcobalamir

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



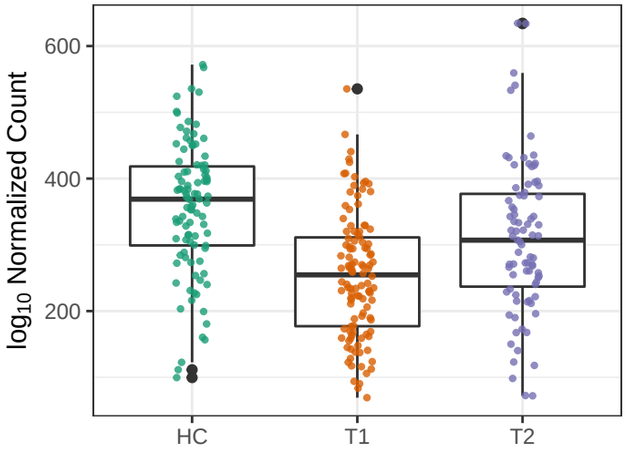
PWY66−422: D−galactose degradation

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



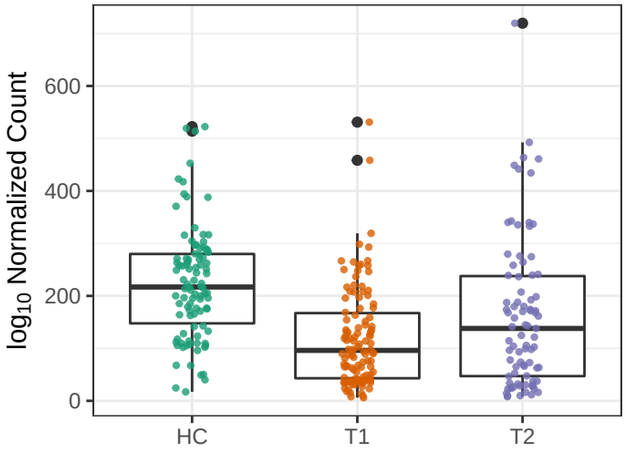
PWY−6317: galactose degradation I (L

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



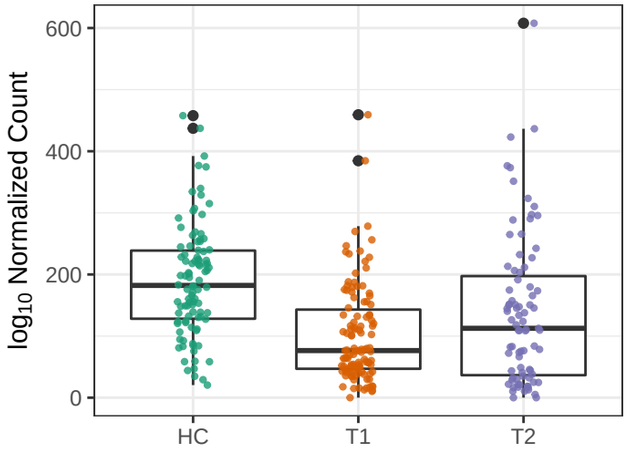
PWY−7242: D−fructuronate degradatic

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

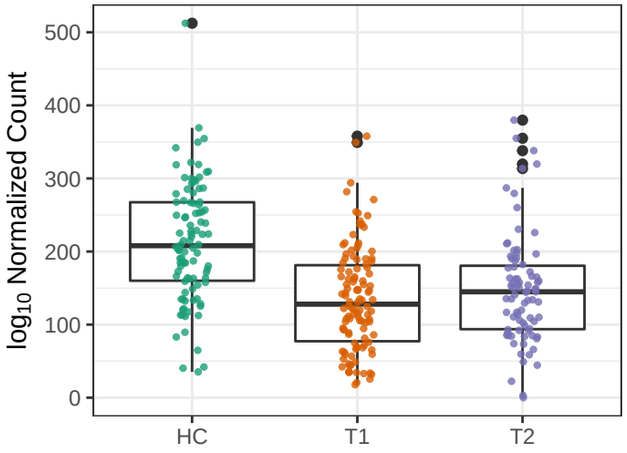


GLUCUROCAT−PWY: superpathway o

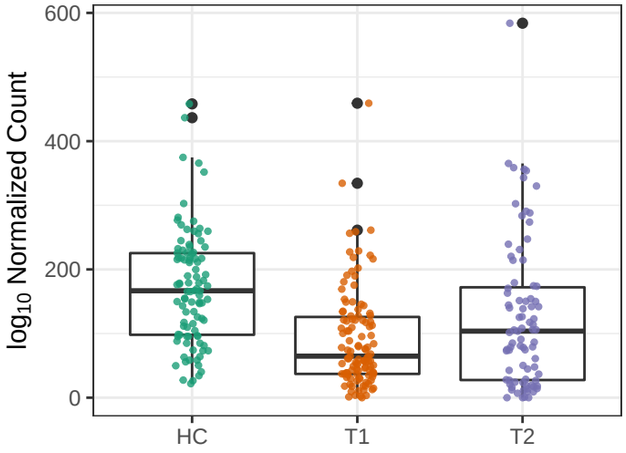
HC vs. T1 p = 1.6e−10
HC vs. T2 p = 0.016
T1 vs. T2 p = 0.021



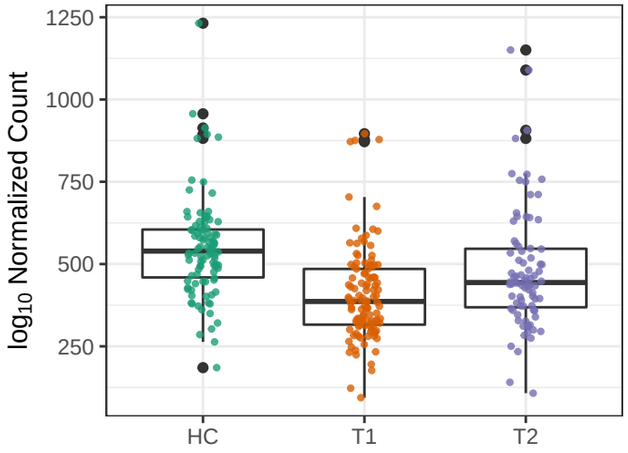
PWY−5347: superpathway of L−methic
HC vs. T1 p = 1.6e−10
HC vs. T2 p = 8.1e−06
T1 vs. T2 p = 0.28



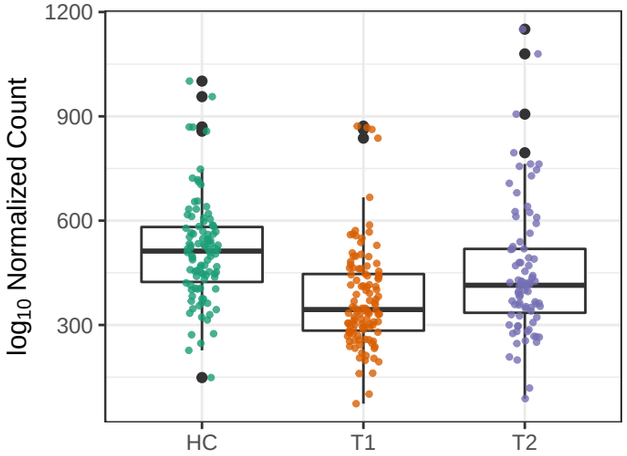
GALACT−GLUCUROCAT−PWY: super
HC vs. T1 p = 1.2e−09
HC vs. T2 p = 0.025
T1 vs. T2 p = 0.02



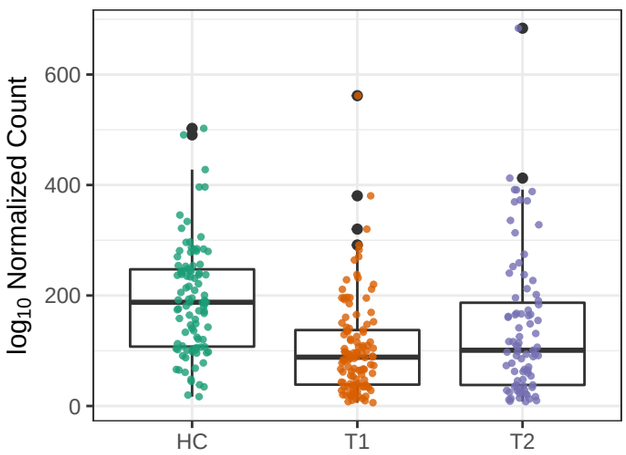
BRANCHED−CHAIN−AA−SYN−PWY
HC vs. T1 p = 2.3e−09
HC vs. T2 p = 0.044
T1 vs. T2 p = 0.0038



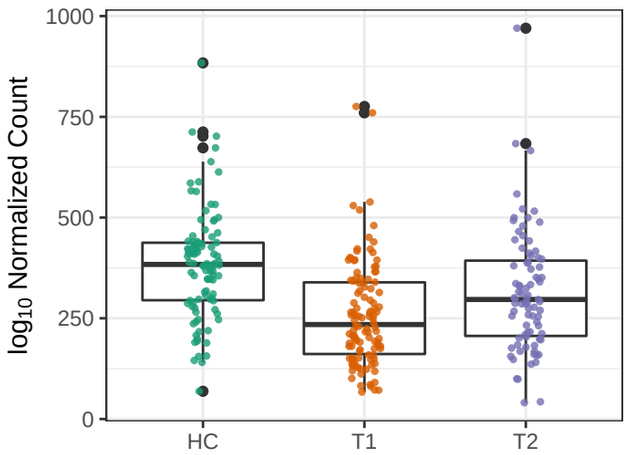
PWY−5103: L−isoleucine biosynthesis
HC vs. T1 p = 2.3e−09
HC vs. T2 p = 0.064
T1 vs. T2 p = 0.0038



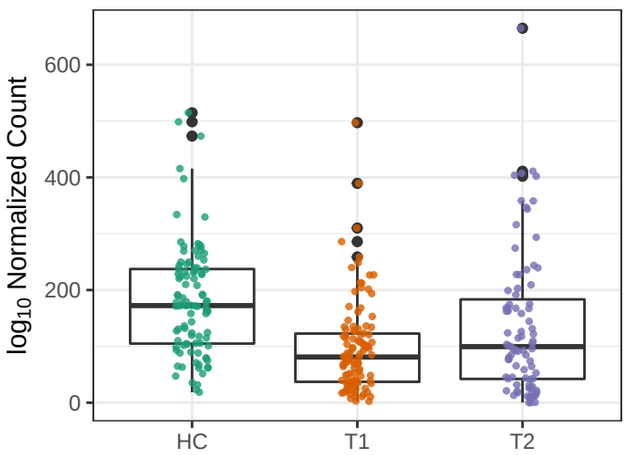
PWY−6507: 4−deoxy−L−threo−hex−4−
HC vs. T1 p = 2.3e−09
HC vs. T2 p = 0.017
T1 vs. T2 p = 0.027



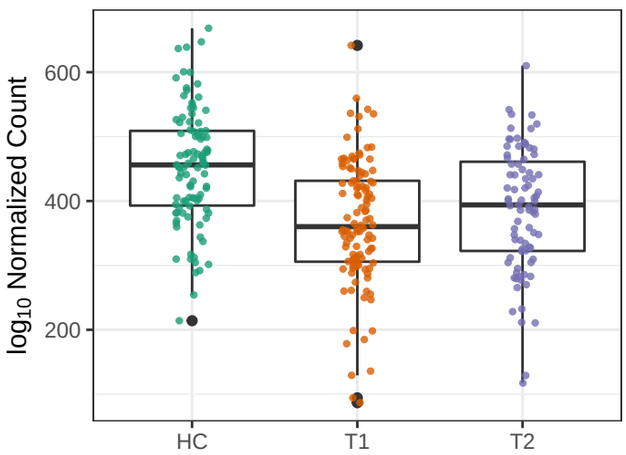
PWY−7357: thiamin formation from py
HC vs. T1 p = 2.3e−09
HC vs. T2 p = 0.014
T1 vs. T2 p = 0.0086



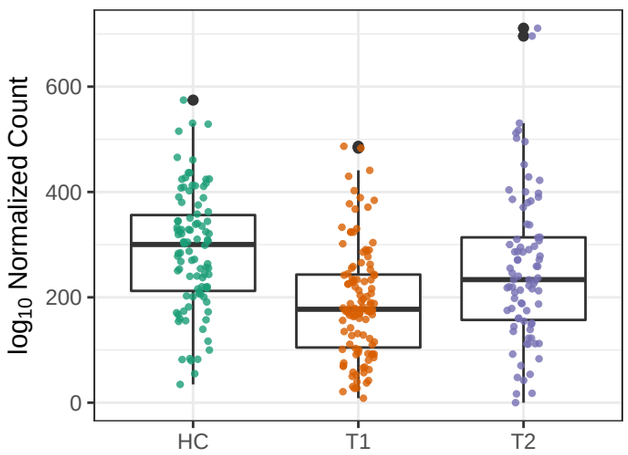
GALACTUROCAT−PWY: D−galacturor
HC vs. T1 p = 3.2e−09
HC vs. T2 p = 0.041
T1 vs. T2 p = 0.019



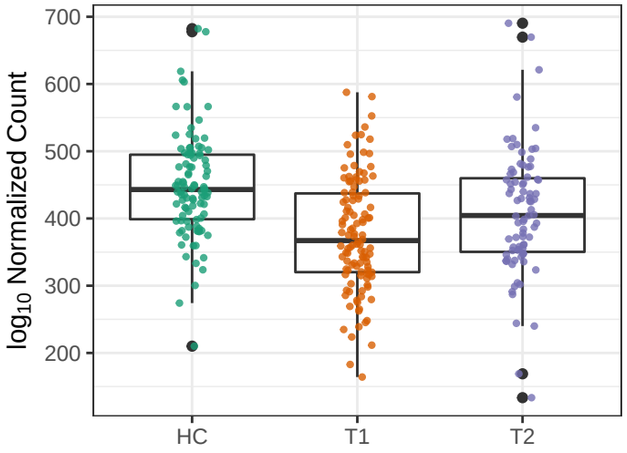
TRNA−CHARGING−PWY: tRNA charg
HC vs. T1 p = 4.7e−09
HC vs. T2 p = 0.00019
T1 vs. T2 p = 0.076



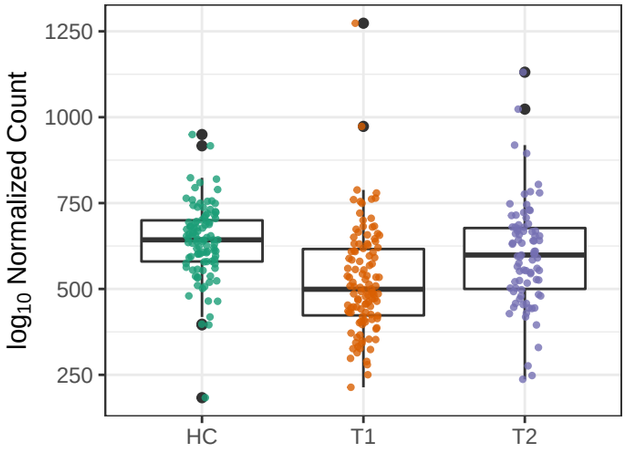
SER−GLYSYN−PWY: superpathway of
HC vs. T1 p = 7.2e−09
HC vs. T2 p = 0.18
T1 vs. T2 p = 0.0038



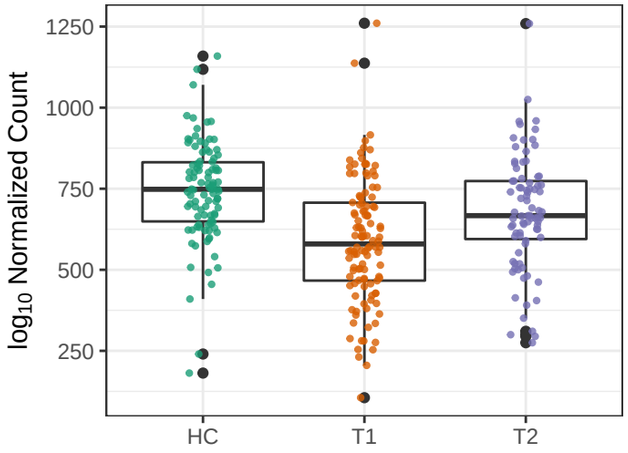
PWY−724: superpathway of L−lysine, I
HC vs. T1 p = 8.6e−09
HC vs. T2 p = 0.018
T1 vs. T2 p = 0.019



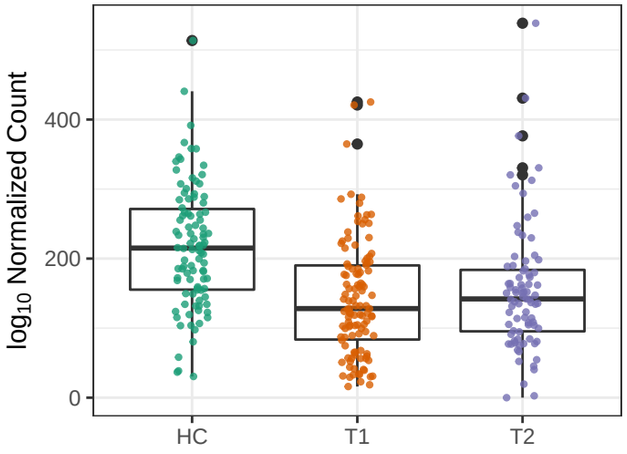
ARO−PWY: chorismate biosynthesis I
HC vs. T1 p = 1.4e−08
HC vs. T2 p = 0.1
T1 vs. T2 p = 0.0061



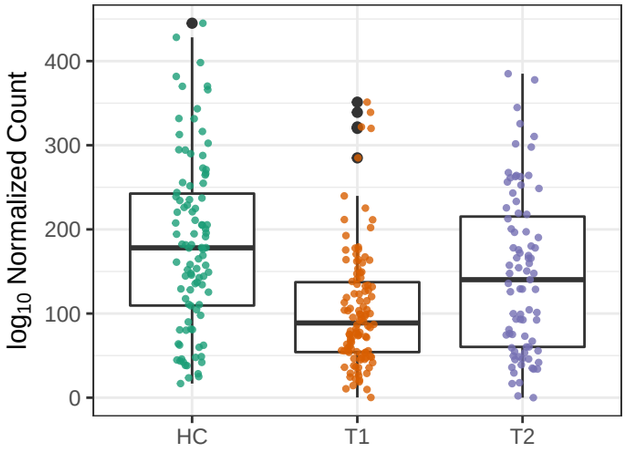
PWY−6737: starch degradation V
HC vs. T1 p = 1.4e−08
HC vs. T2 p = 0.044
T1 vs. T2 p = 0.012



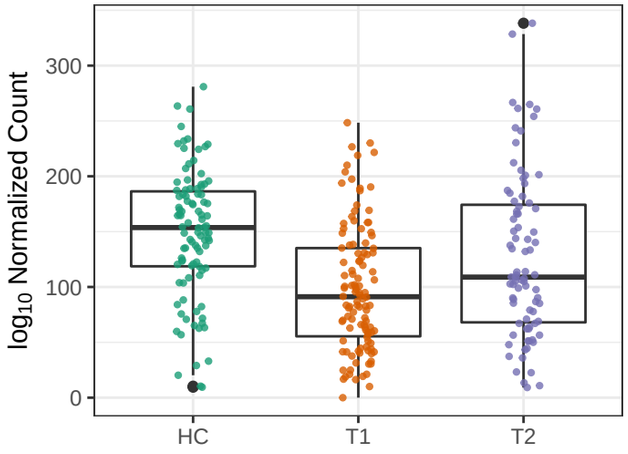
METSYN−PWY: L−homoserine and L−
HC vs. T1 p = 1.7e−08
HC vs. T2 p = 0.00019
T1 vs. T2 p = 0.38



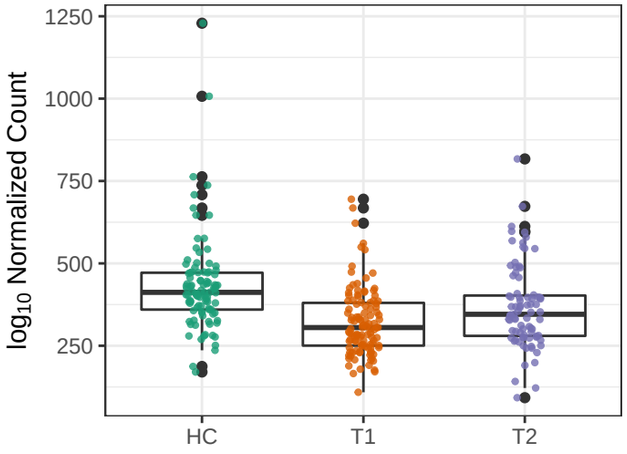
GLYCOGENSYNTH−PWY: glycogen b
HC vs. T1 p = 2.1e−08
HC vs. T2 p = 0.064
T1 vs. T2 p = 0.02



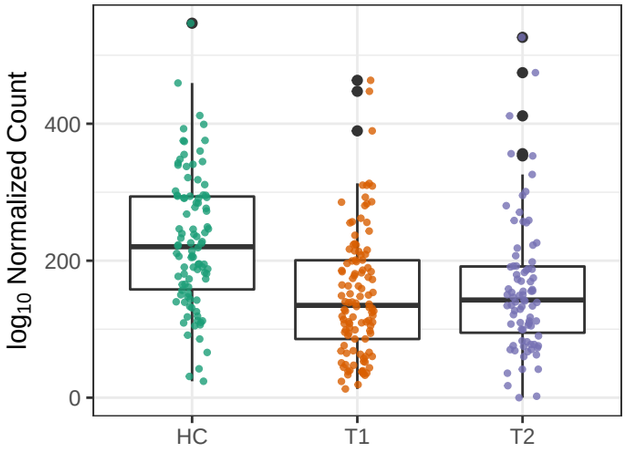
PWY−7199: pyrimidine deoxyribonucle
HC vs. T1 p = 2.1e−08
HC vs. T2 p = 0.1
T1 vs. T2 p = 0.022



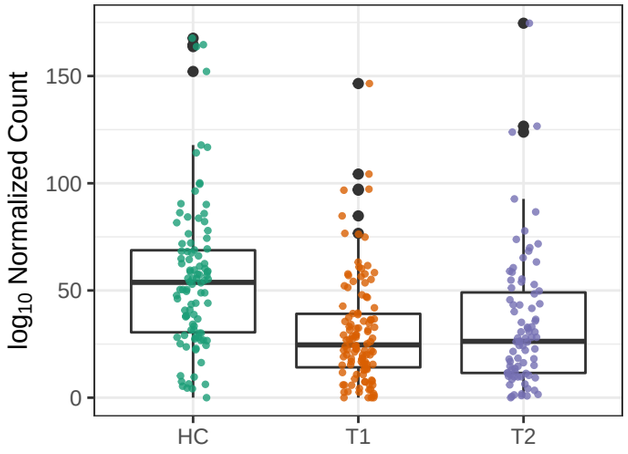
PWY−3001: superpathway of L−isoleu
HC vs. T1 p = 2.3e−08
HC vs. T2 p = 0.014
T1 vs. T2 p = 0.0057



MET−SAM−PWY: superpathway of S−
HC vs. T1 p = 9e−08
HC vs. T2 p = 0.00019
T1 vs. T2 p = 0.58

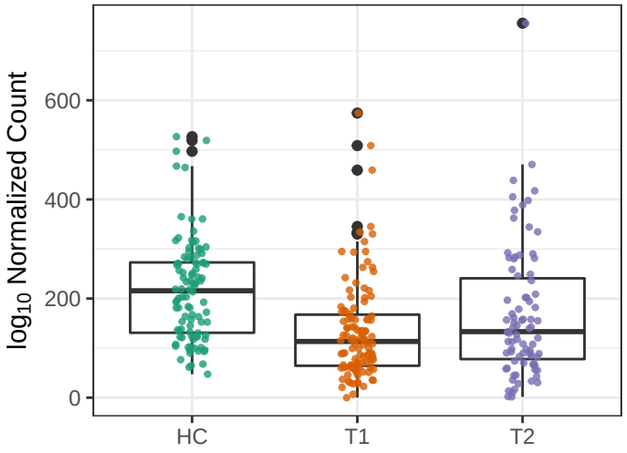


POLYAMSYN−PWY: superpathway of p
HC vs. T1 p = 1.3e−07
HC vs. T2 p = 0.00058
T1 vs. T2 p = 0.54



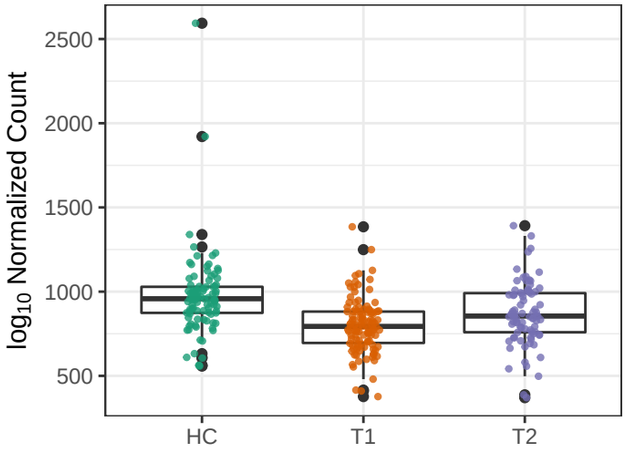
GLCMANNANAUT−PWY: superpathwa

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



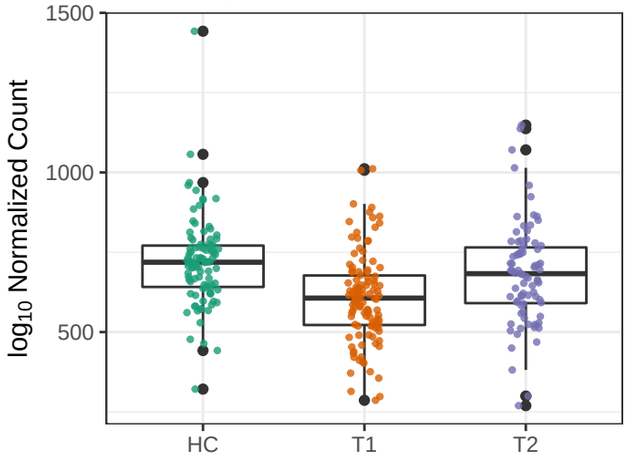
PWY−7219: adenosine ribonucleotide

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



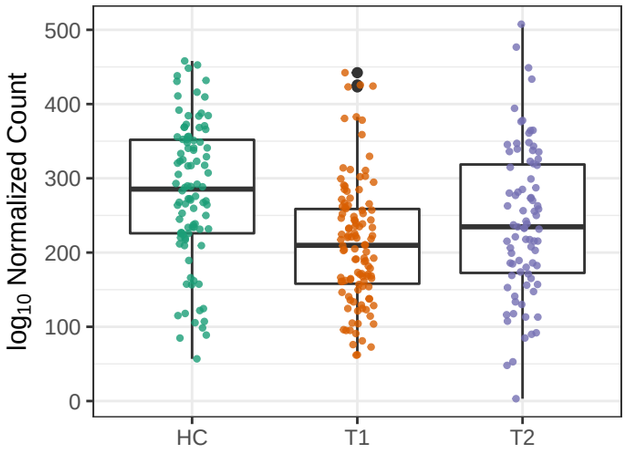
PWY−5686: UMP biosynthesis

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



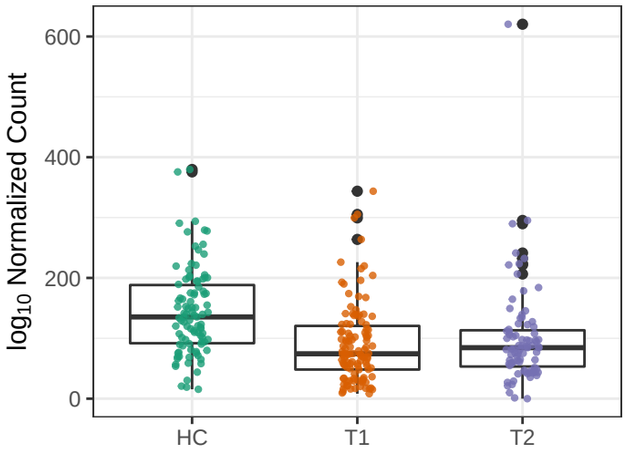
PWY−6527: stachyose degradation

HC vs. T1 p = 5.6e−07
HC vs. T2 p = 0.04
T1 vs. T2 p = 0.12



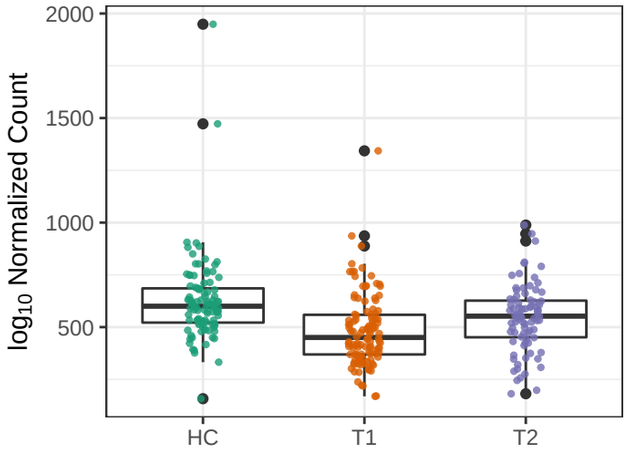
HOMOSER−METSYN−PWY: L−methic

HC vs. T1 p = 7.4e−07
HC vs. T2 p = 0.0034
T1 vs. T2 p = 0.37



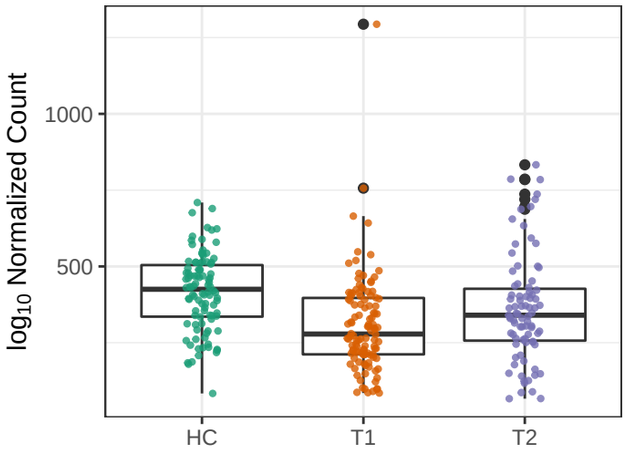
PWY−6151: S−adenosyl−L−methionir

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



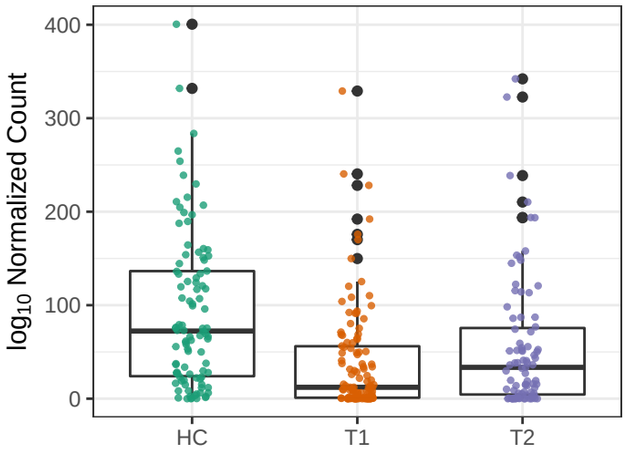
NONOXIPENT−PWY: pentose phospl

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



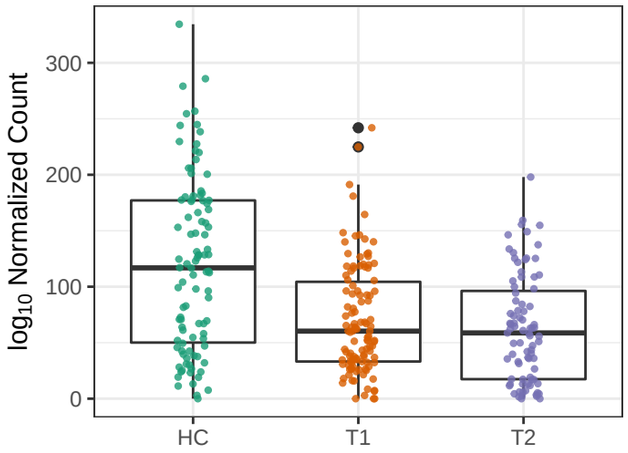
PWY−5367: petroselinate biosynthesis

HC vs. T1 p = 1.9e−06
HC vs. T2 p = 0.015
T1 vs. T2 p = 0.47

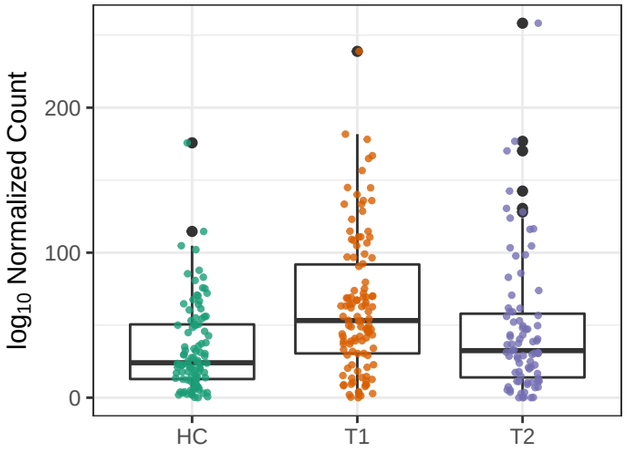


PWY0−781: aspartate superpathway

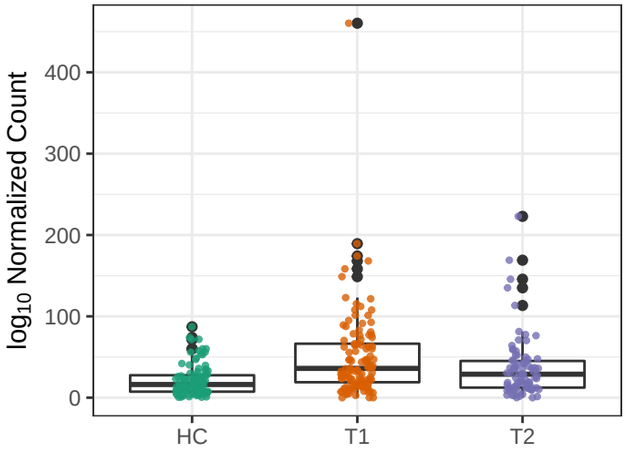
HC vs. T1 p = 2e−06
HC vs. T2 p = 3.1e−06
T1 vs. T2 p = 0.53



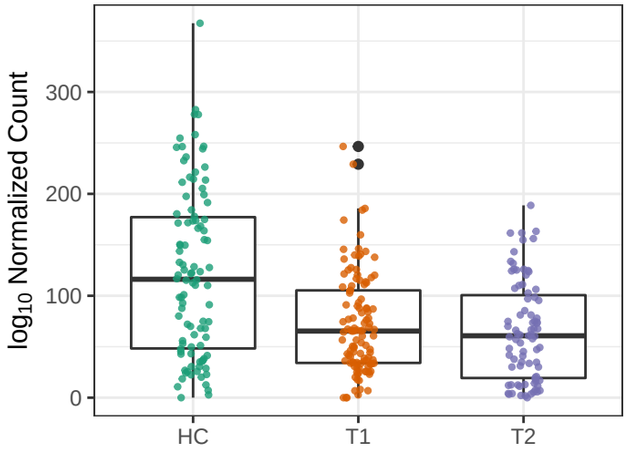
PWY−1269: CMP−3−deoxy−D−manno
HC vs. T1 p = 2.3e−06
HC vs. T2 p = 0.1
T1 vs. T2 p = 0.02



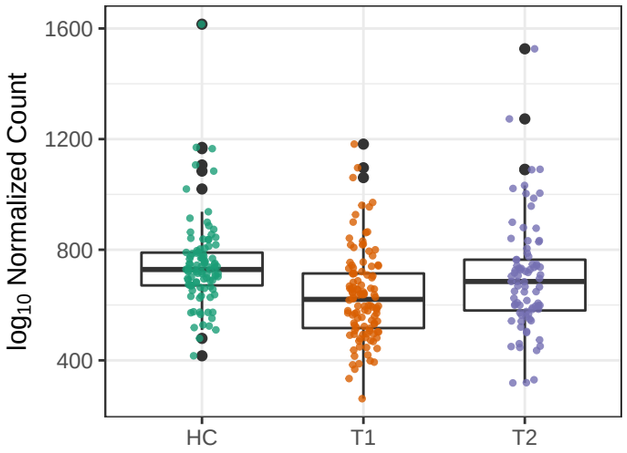
CITRULBIO−PWY: L−citrulline biosynth
HC vs. T1 p = 2.8e−06
HC vs. T2 p = 0.014
T1 vs. T2 p = 0.086



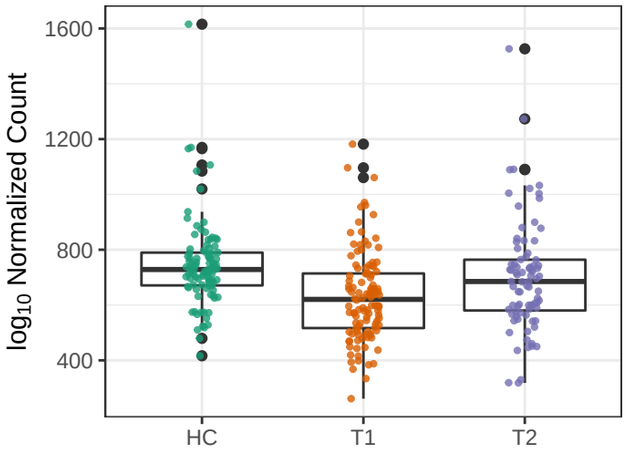
P4−PWY: superpathway of L−lysine, L−
HC vs. T1 p = 3.3e−06
HC vs. T2 p = 3.5e−06
T1 vs. T2 p = 0.57



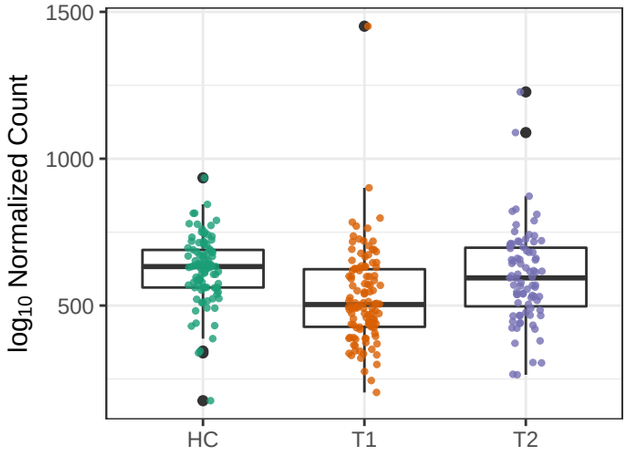
ILEUSYN−PWY: L−isoleucine biosynth
HC vs. T1 p = 3.6e−06
HC vs. T2 p = 0.19
T1 vs. T2 p = 0.02



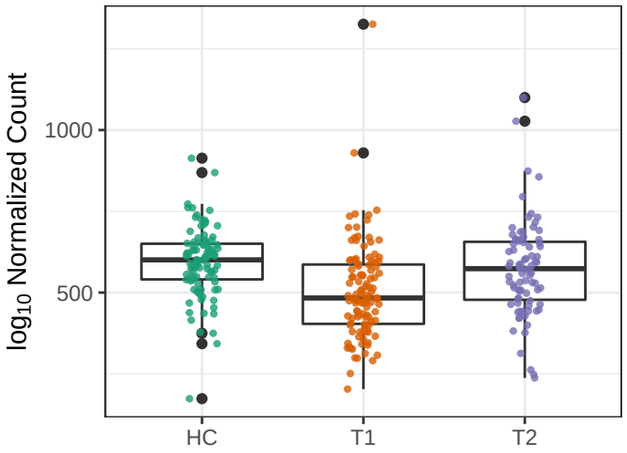
VALSYN−PWY: L−valine biosynthesis
HC vs. T1 p = 3.6e−06
HC vs. T2 p = 0.19
T1 vs. T2 p = 0.02



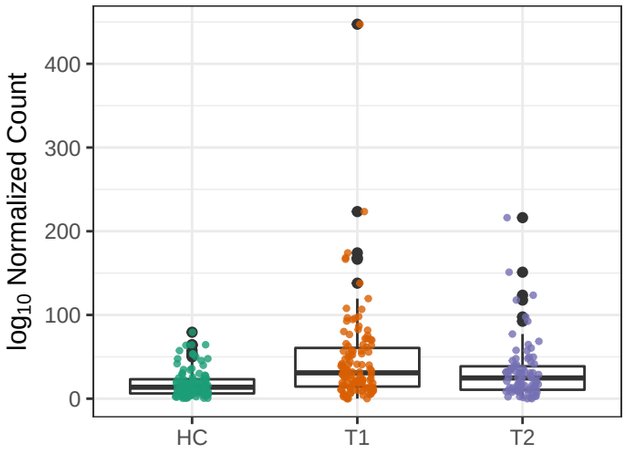
PWY−6163: chorismate biosynthesis f
HC vs. T1 p = 4e−06
HC vs. T2 p = 0.35
T1 vs. T2 p = 0.0089



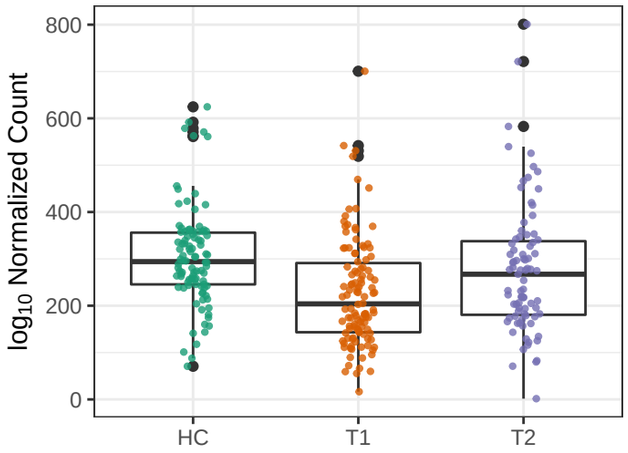
COMPLETE−ARO−PWY: superpathw
HC vs. T1 p = 4.6e−06
HC vs. T2 p = 0.38
T1 vs. T2 p = 0.0069



PWY−4984: urea cycle
HC vs. T1 p = 6.9e−06
HC vs. T2 p = 0.014
T1 vs. T2 p = 0.092

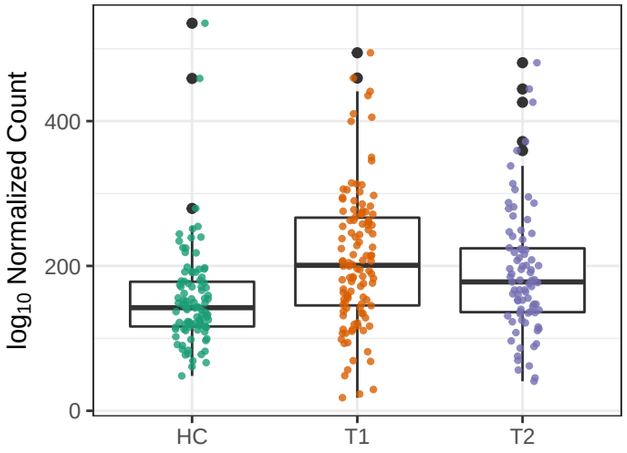


PWY−6123: inosine−5'−phosphate bios
HC vs. T1 p = 7.3e−06
HC vs. T2 p = 0.25
T1 vs. T2 p = 0.0078



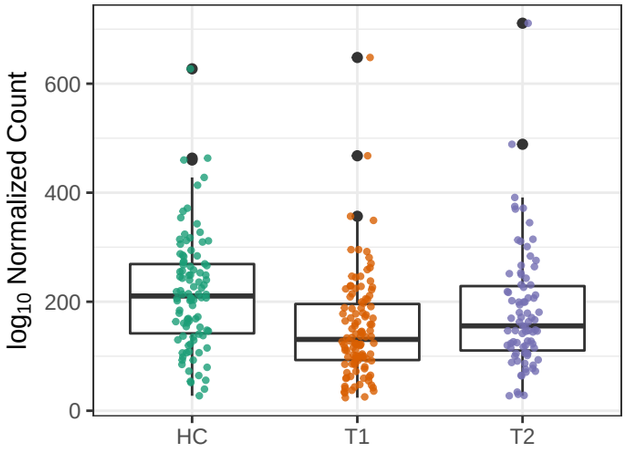
PWY−7228: superpathway of guanosin

HC vs. T1 p = 1.2e−05
HC vs. T2 p = 0.017
T1 vs. T2 p = 0.23



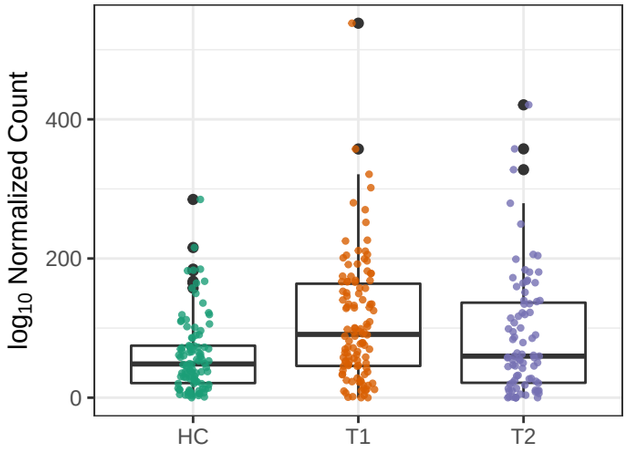
THISYNARA−PWY: superpathway of tl

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



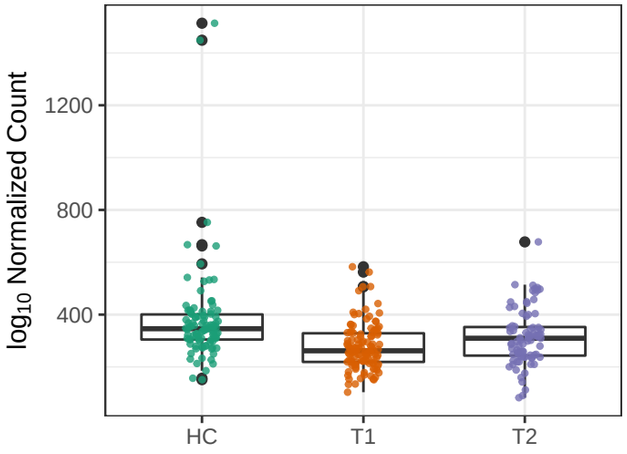
PYRIDOXSYN−PWY: pyridoxal 5'−pho

HC vs. T1 p = 1.6e−05
HC vs. T2 p = 0.051
T1 vs. T2 p = 0.076



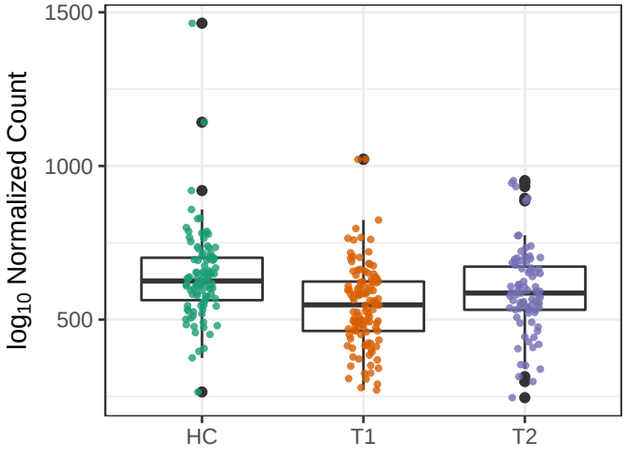
THRESYN−PWY: superpathway of L−

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



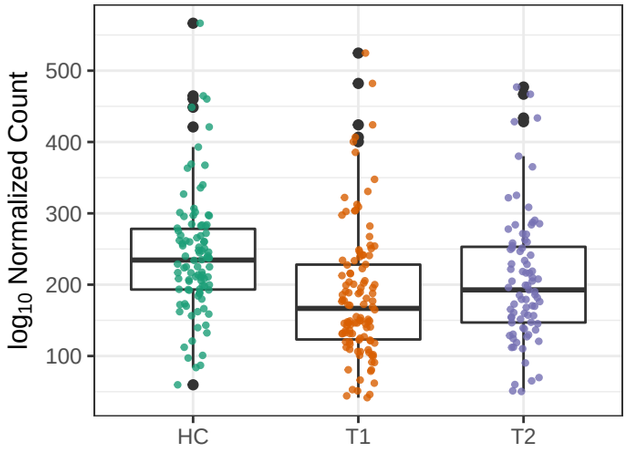
COA−PWY−1: coenzyme A biosynthe

HC vs. T1 p = 2.2e−05
HC vs. T2 p = 0.08
T1 vs. T2 p = 0.024



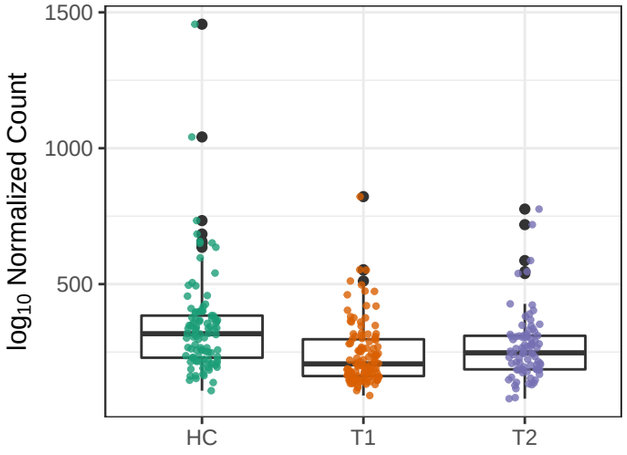
PWY−5100: pyruvate fermentation to a

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



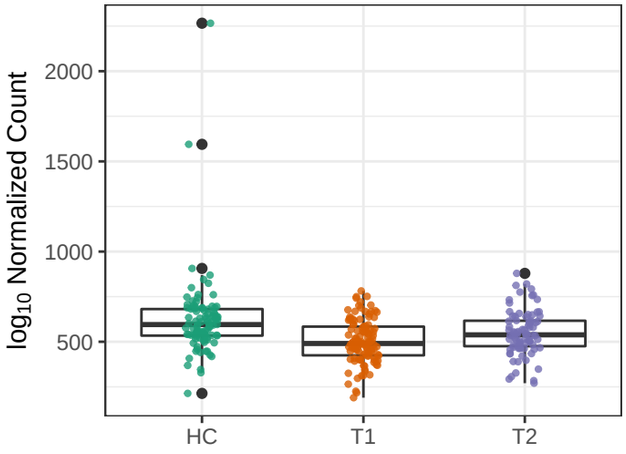
HISTSYN−PWY: L−histidine biosynthe

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



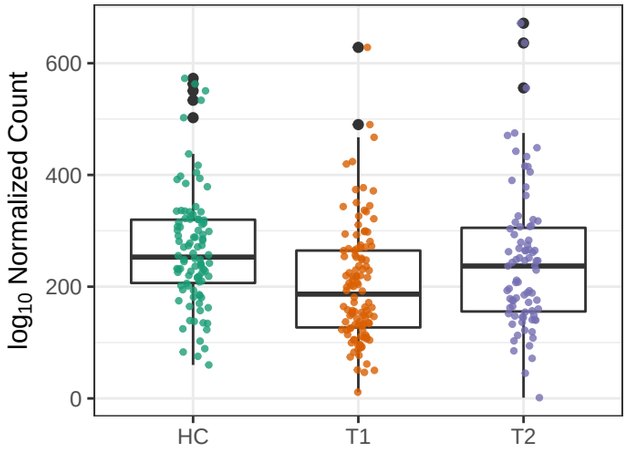
NONMEVIPP−PWY: methylerythritol p

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



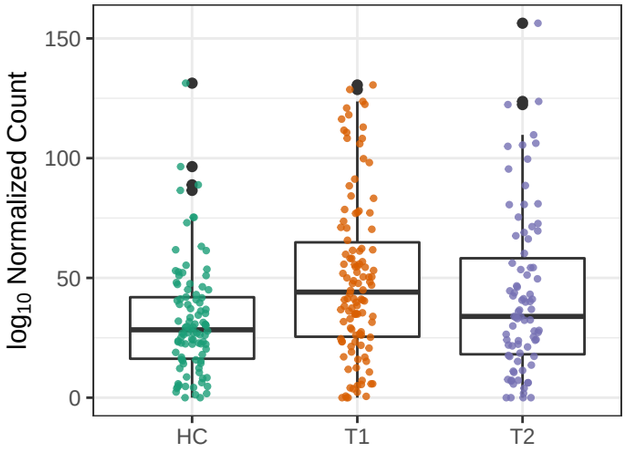
PWY−6124: inosine−5'−phosphate bios

HC vs. T1 p = 6.5e−05
HC vs. T2 p = 0.35
T1 vs. T2 p = 0.0089



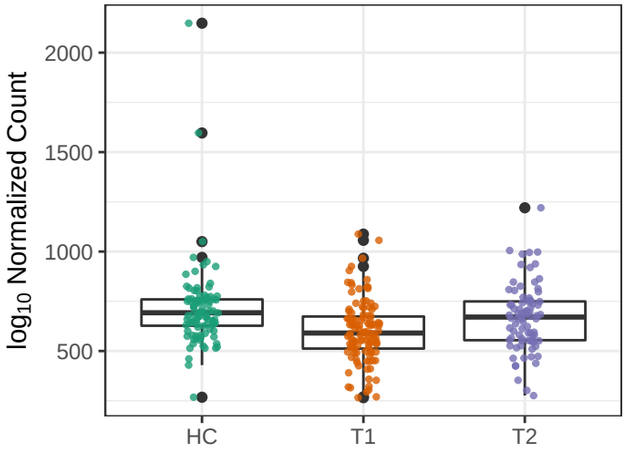
PWY66−399: gluconeogenesis III

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



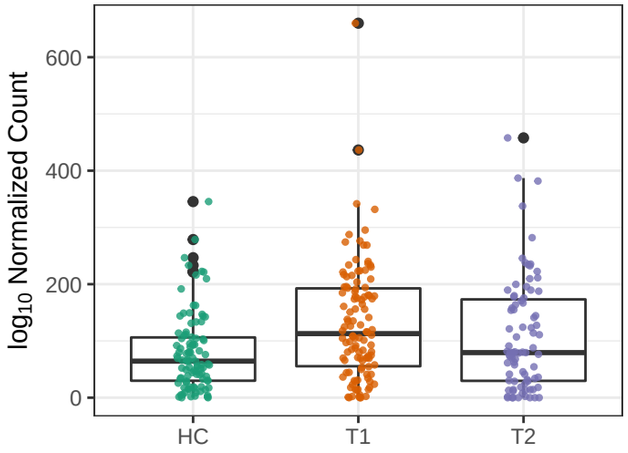
PWY−6387: UDP−N−acetylmuramoyl-

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



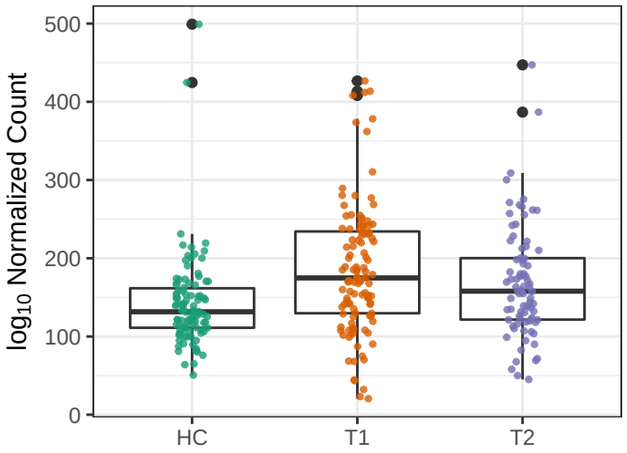
PWY0−845: superpathway of pyridoxal

HC vs. T1 p = 0.00011
HC vs. T2 p = 0.07
T1 vs. T2 p = 0.11



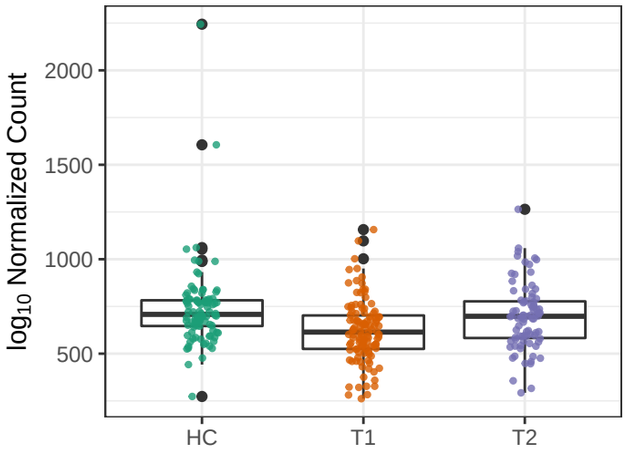
PWY−6125: superpathway of guanosir

HC vs. T1 p = 0.00011
HC vs. T2 p = 0.041
T1 vs. T2 p = 0.19



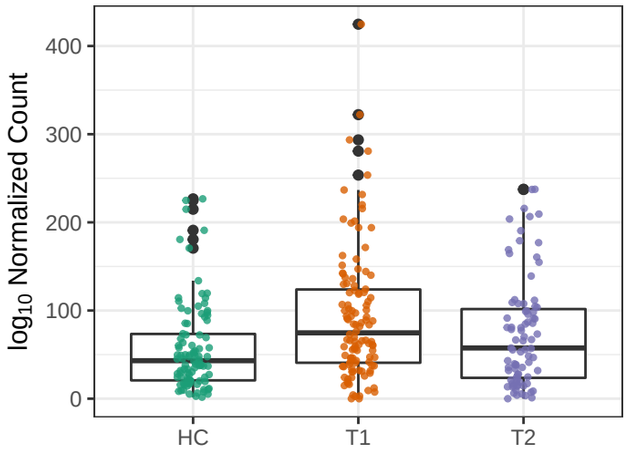
PWY−6386: UDP−N−acetylmuramoyl-

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



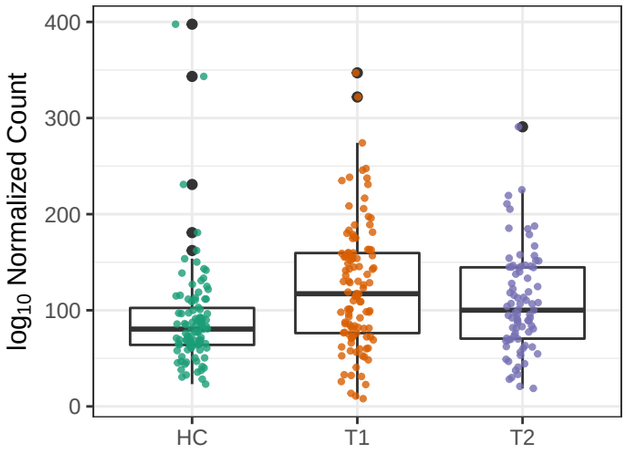
PWY−5484: glycolysis II (from fructose

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



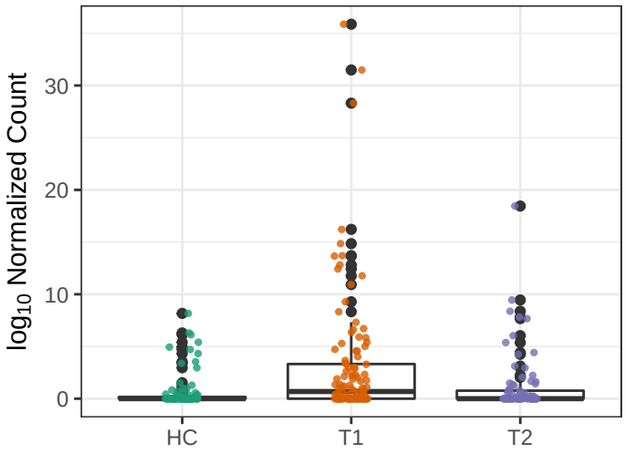
PWY−7197: pyrimidine deoxyribonucle

HC vs. T1 p = 2e−04
HC vs. T2 p = 0.078
T1 vs. T2 p = 0.21



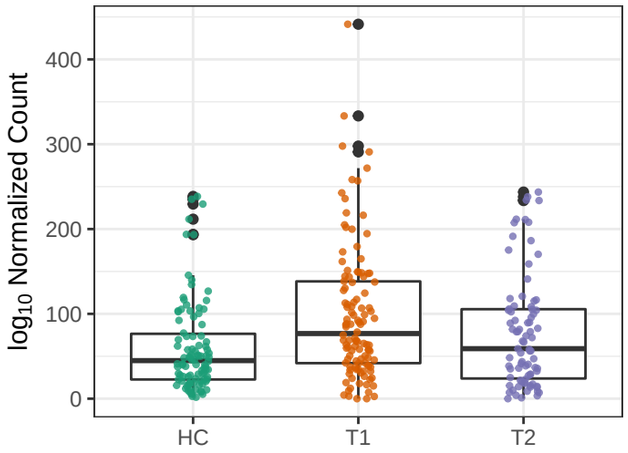
7ALPHADEHYDROX−PWY: cholate de

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



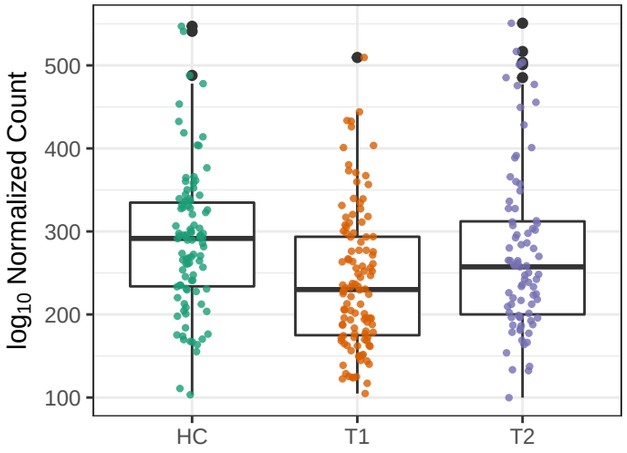
GLYCOLYSIS: glycolysis I (from glucos

HC vs. T1 p = 0.00023
HC vs. T2 p = 0.12
T1 vs. T2 p = 0.087



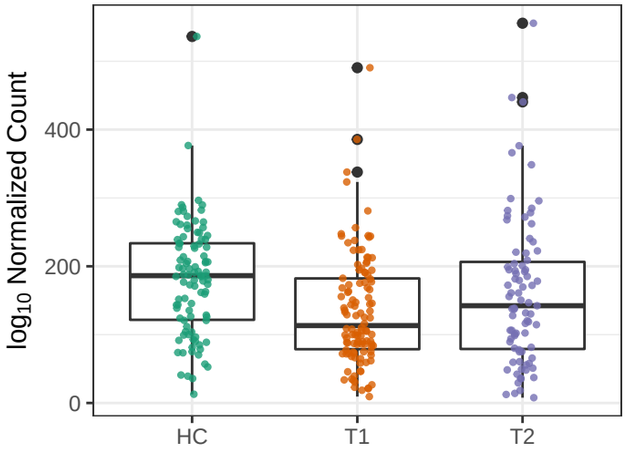
PWY−6609: adenine and adenosine sa

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



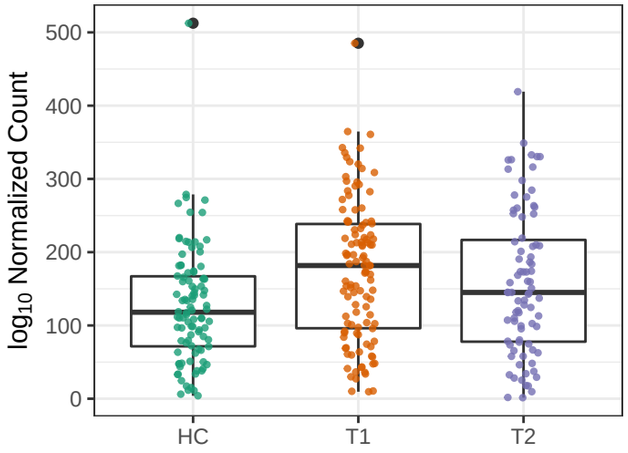
ASPASN−PWY: superpathway of L−as

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



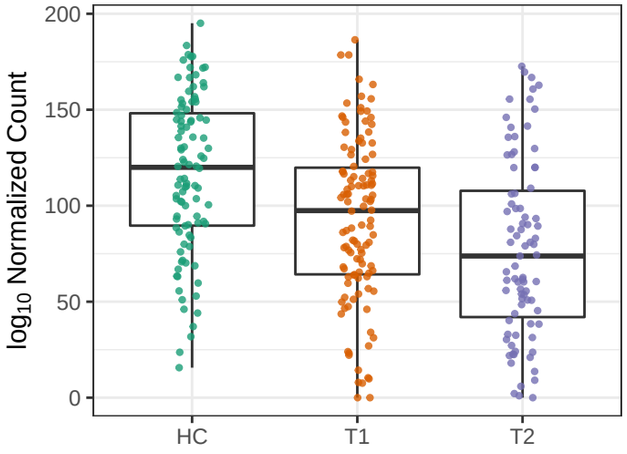
PWY−7663: gondoate biosynthesis (an

HC vs. T1 p = 0.00031
HC vs. T2 p = 0.075
T1 vs. T2 p = 0.024



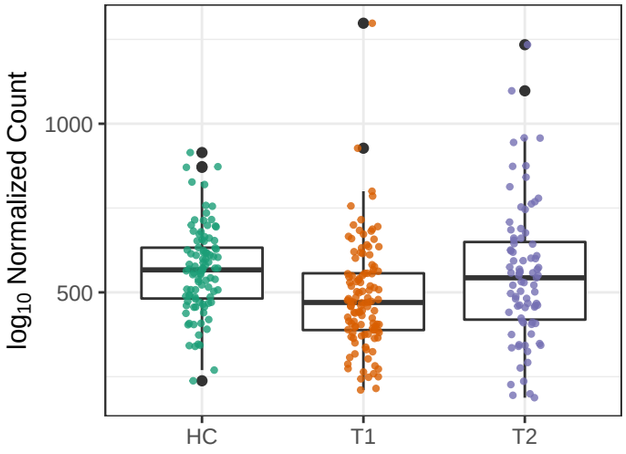
PRPP−PWY: superpathway of histidine

HC vs. T1 p = 0.00031
HC vs. T2 p = 3.1e−06
T1 vs. T2 p = 0.02



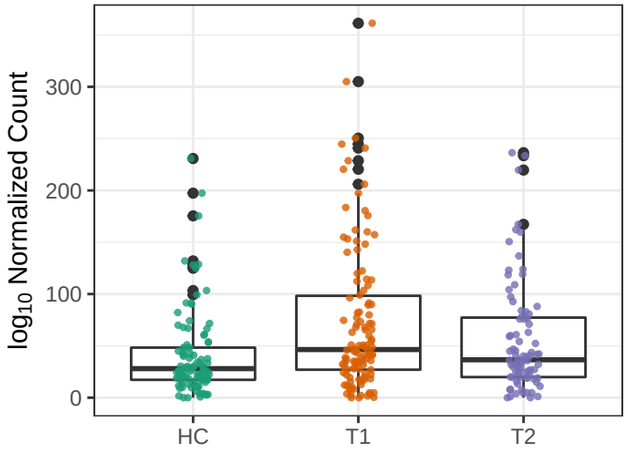
PWY−1042: glycolysis IV (plant cytosc

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



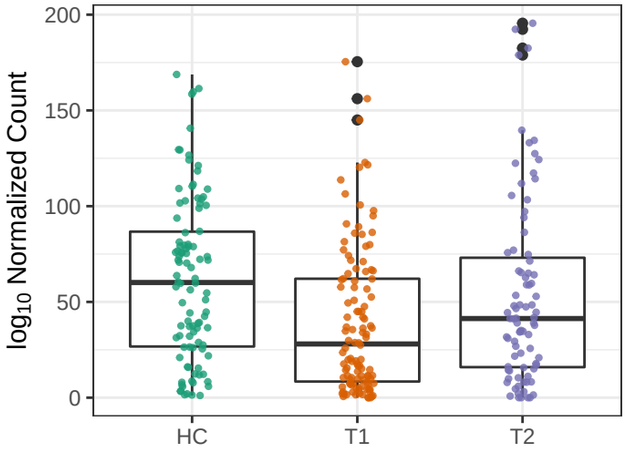
PWY66−400: glycolysis VI (metazoan)

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



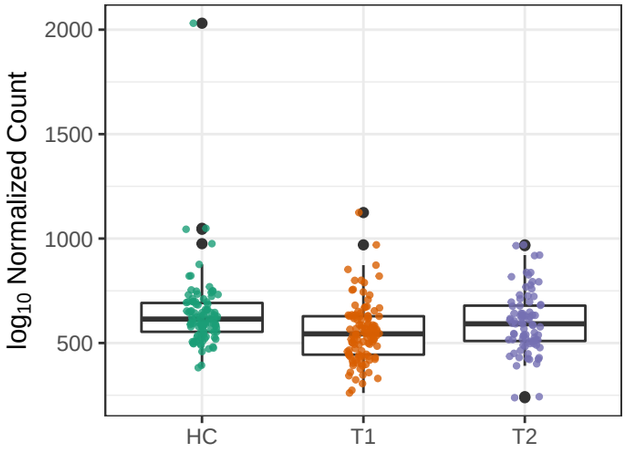
PWY−5989: stearate biosynthesis II (ba

HC vs. T1 p = 0.00038
HC vs. T2 p = 0.35
T1 vs. T2 p = 0.23



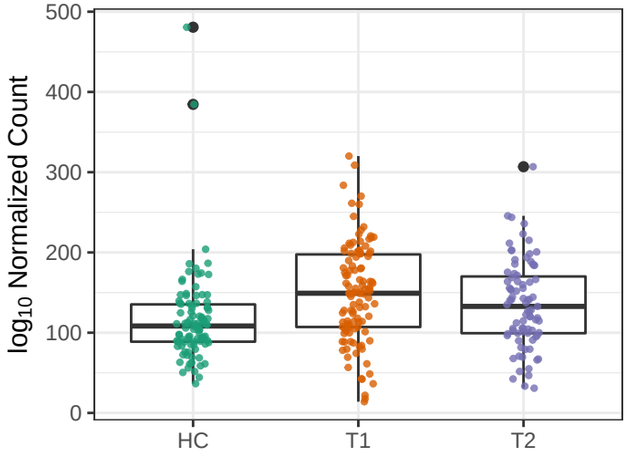
PWY−6121: 5−aminoimidazole ribonu

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



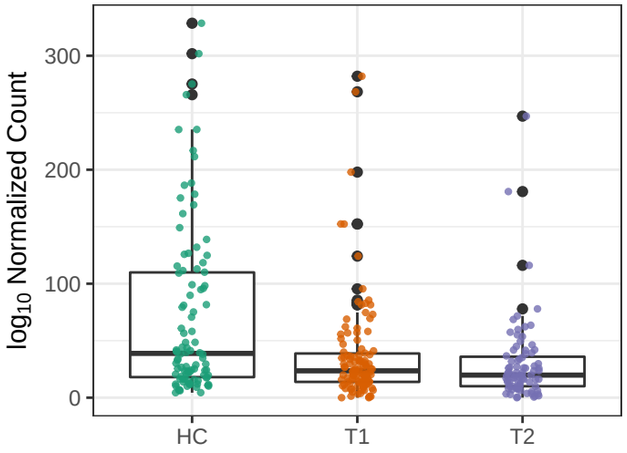
PWY−7184: pyrimidine deoxyribonucle

HC vs. T1 p = 0.00045
HC vs. T2 p = 0.082
T1 vs. T2 p = 0.21



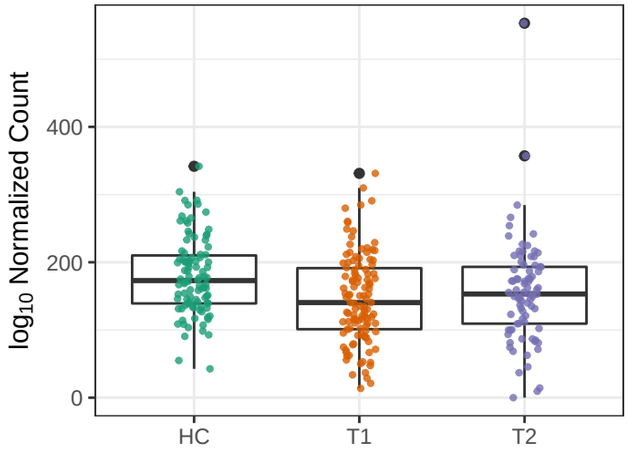
PENTOSE−P−PWY: pentose phosphat

HC vs. T1 p = 0.00051
HC vs. T2 p = 0.00012
T1 vs. T2 p = 0.21



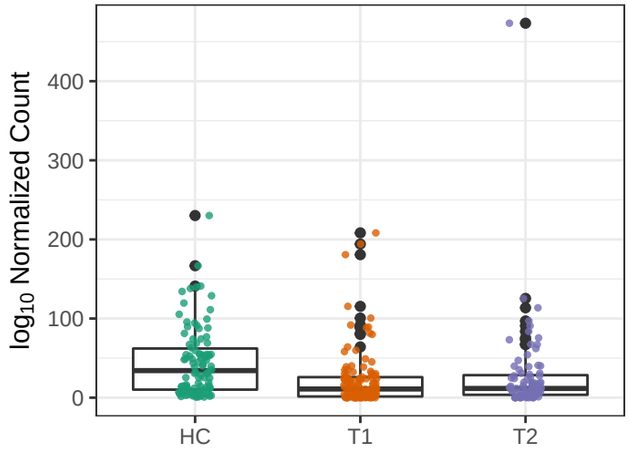
PYRIDNUCSYN−PWY: NAD biosynthe

HC vs. T1 p = 0.00056
HC vs. T2 p = 0.078
T1 vs. T2 p = 0.25



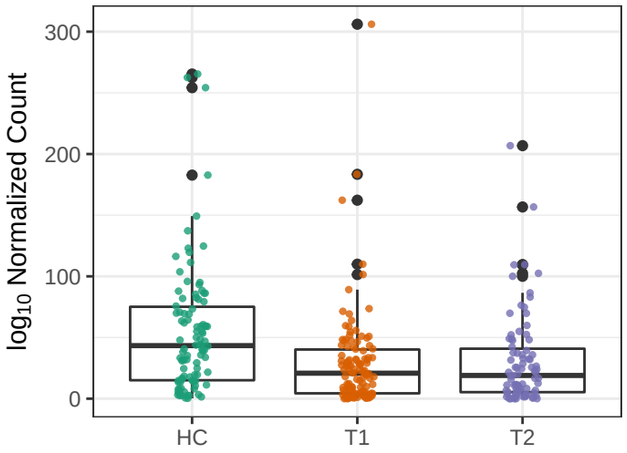
PWY−5304: superpathway of sulfur oxi

HC vs. T1 p = 0.00057
HC vs. T2 p = 0.078
T1 vs. T2 p = 0.41



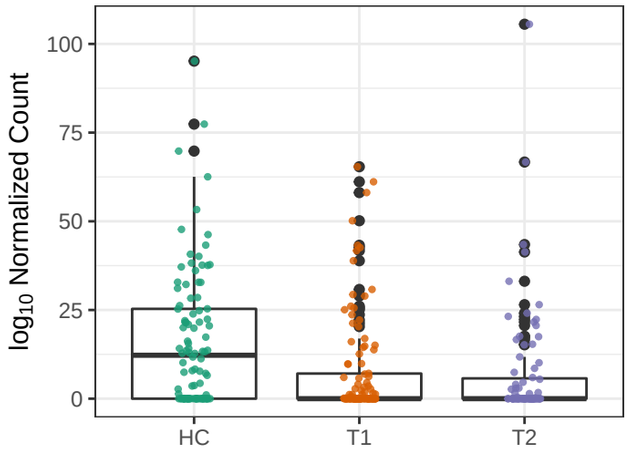
LACTOSECAT−PWY: lactose and gala

HC vs. T1 p = 0.00063
HC vs. T2 p = 0.0068
T1 vs. T2 p = 0.57



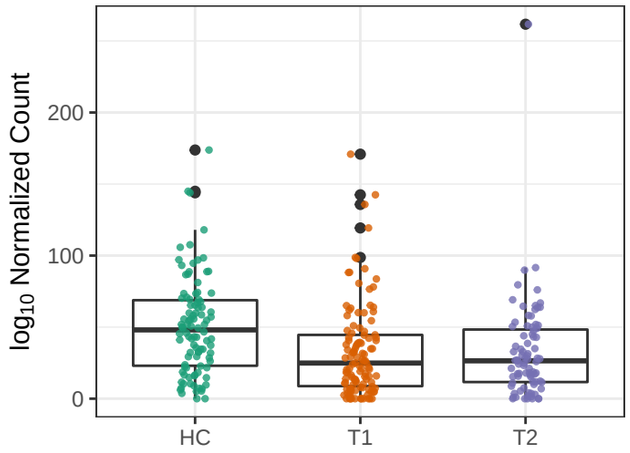
PWY−7209: superpathway of pyrimidin

HC vs. T1 p = 0.001
HC vs. T2 p = 0.0068
T1 vs. T2 p = 0.68



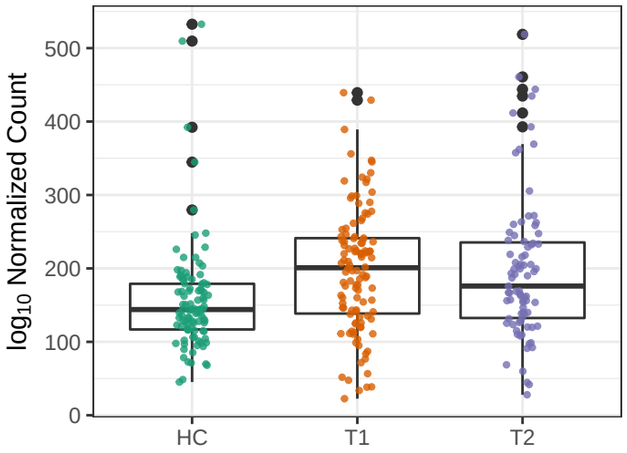
ARG+POLYAMINE−SYN: superpathwa

HC vs. T1 p = 0.0011
HC vs. T2 p = 0.0079
T1 vs. T2 p = 0.63



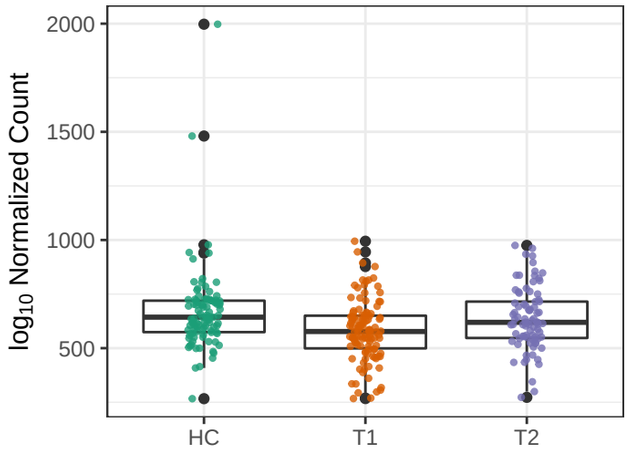
PWY−7208: superpathway of pyrimidin

HC vs. T1 p = 0.0011
HC vs. T2 p = 0.02
T1 vs. T2 p = 0.95



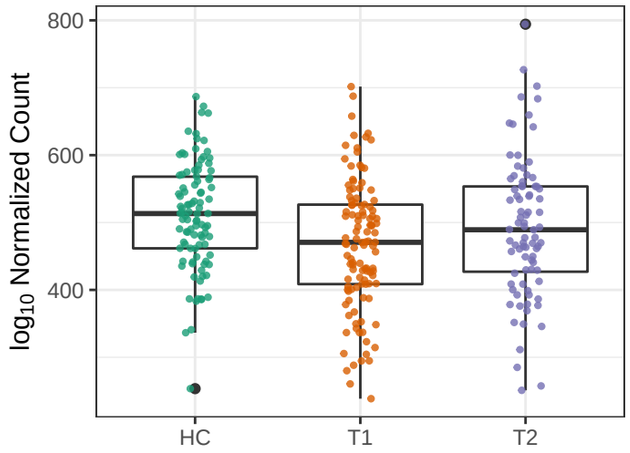
PEPTIDOGLYCANSYN−PWY: peptid

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

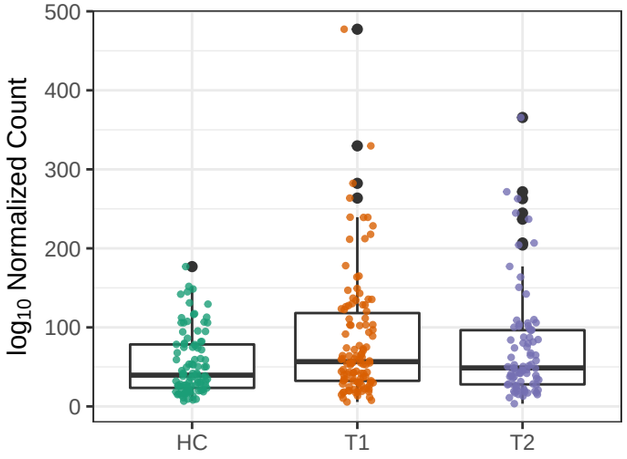


PWY−5097: L−lysine biosynthesis VI

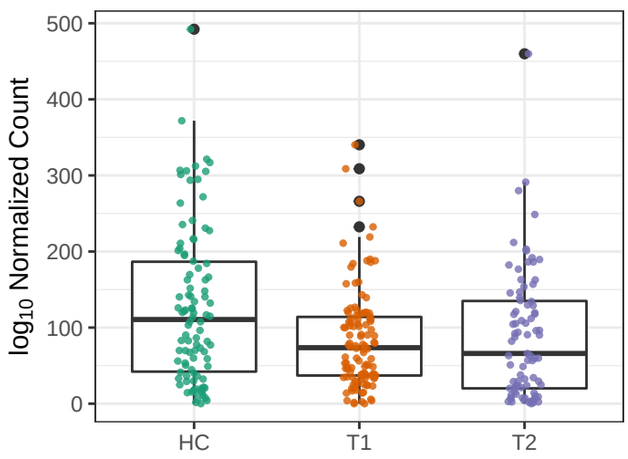
HC vs. T1 p = 0.0014
HC vs. T2 p = 0.31
T1 vs. T2 p = 0.3



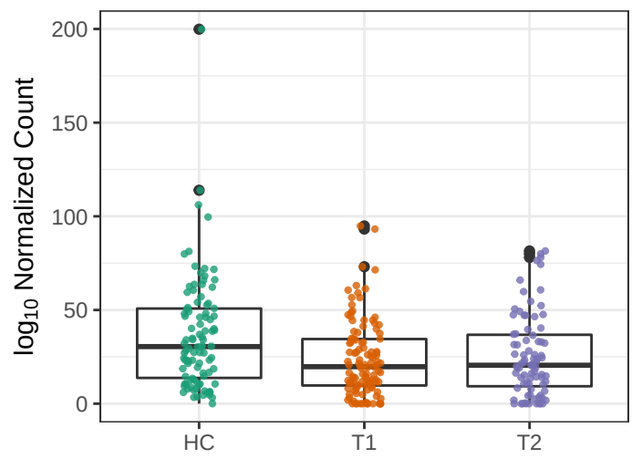
PWY0−1297: superpathway of purine d
HC vs. T1 p = 0.0017
HC vs. T2 p = 0.078
T1 vs. T2 p = 0.21



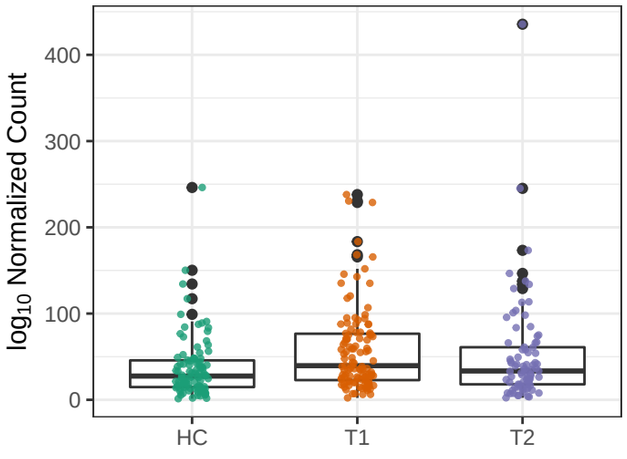
DAPLYSINESYN−PWY: L−lysine biosy
HC vs. T1 p = 0.0018
HC vs. T2 p = 0.04
T1 vs. T2 p = 0.34



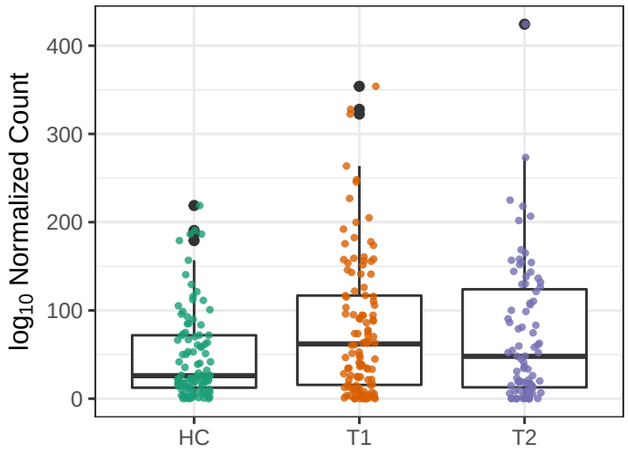
FOLSYN−PWY: superpathway of tetrah
HC vs. T1 p = 0.0018
HC vs. T2 p = 0.025
T1 vs. T2 p = 0.64



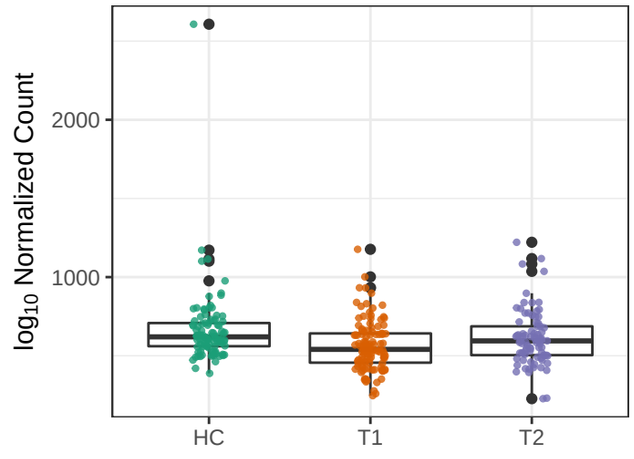
HISDEG−PWY: L−histidine degradatio
HC vs. T1 p = 0.0021
HC vs. T2 p = 0.14
T1 vs. T2 p = 0.81



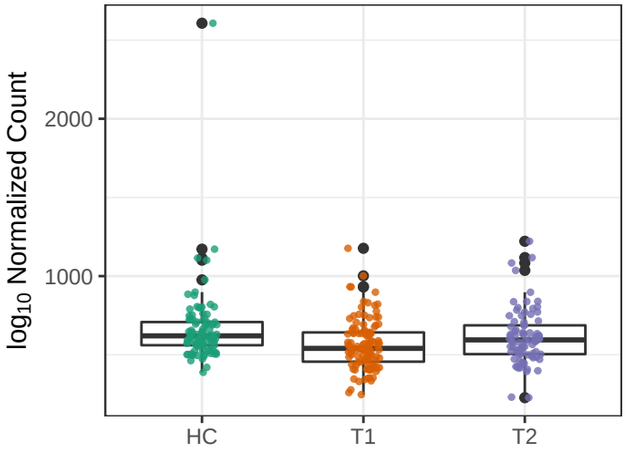
ARGININE−SYN4−PWY: L−ornithine d
HC vs. T1 p = 0.0021
HC vs. T2 p = 0.072
T1 vs. T2 p = 0.21



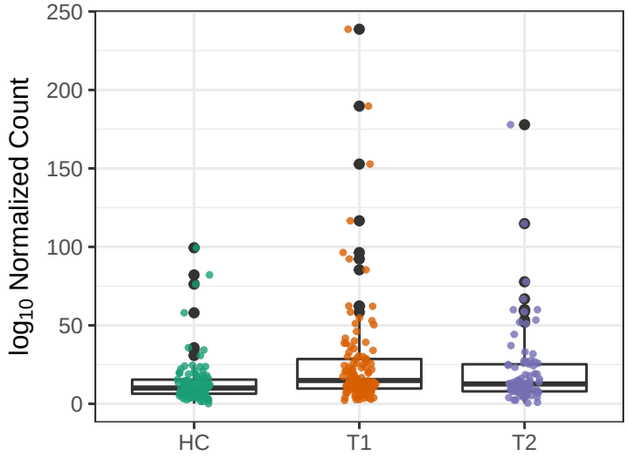
PWY−6122: 5−aminoimidazole ribonu
HC vs. T1 p = 0.0023
HC vs. T2 p = 0.19
T1 vs. T2 p = 0.016



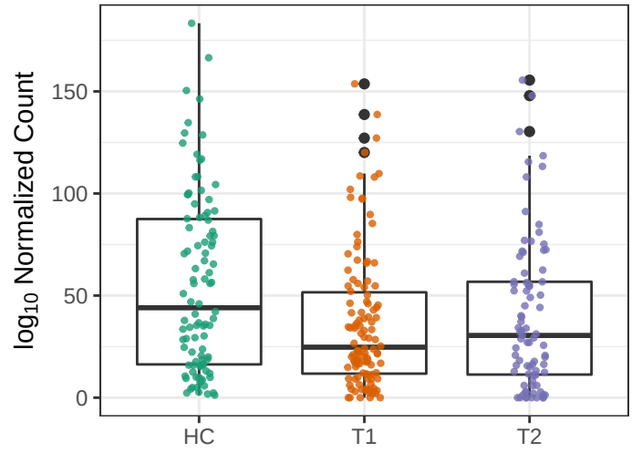
PWY−6277: superpathway of 5−amin
HC vs. T1 p = 0.0023
HC vs. T2 p = 0.19
T1 vs. T2 p = 0.016



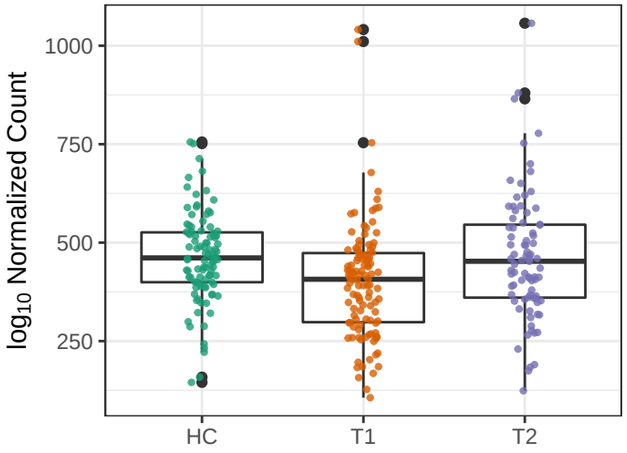
P161−PWY: acetylene degradation
HC vs. T1 p = 0.0026
HC vs. T2 p = 0.085
T1 vs. T2 p = 0.34



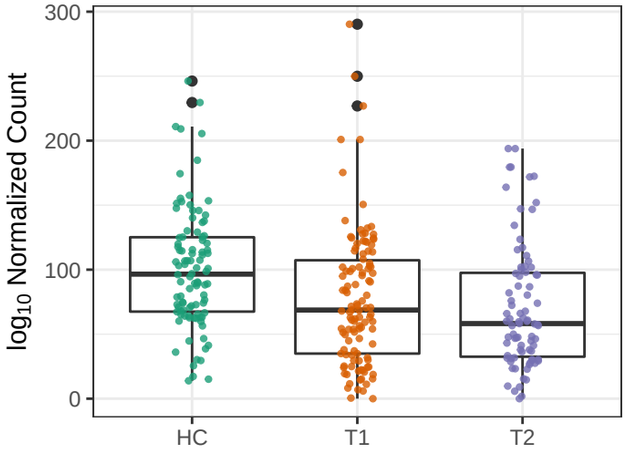
PYRIDNUCSAL−PWY: NAD salvage p
HC vs. T1 p = 0.0026
HC vs. T2 p = 0.048
T1 vs. T2 p = 0.59



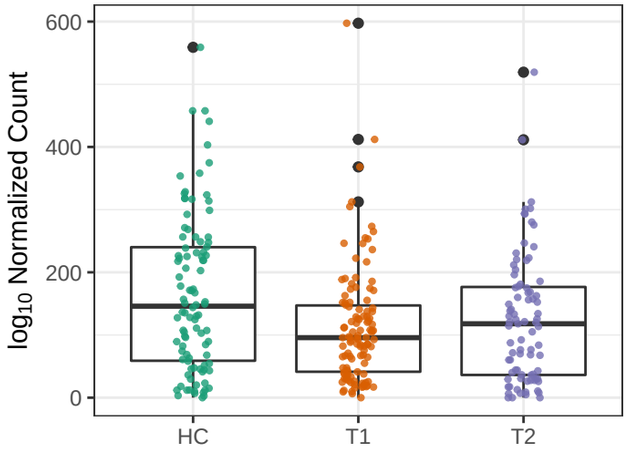
PWY0−1296: purine ribonucleosides d
HC vs. T1 p = 0.0028
HC vs. T2 p = 0.99
T1 vs. T2 p = 0.043



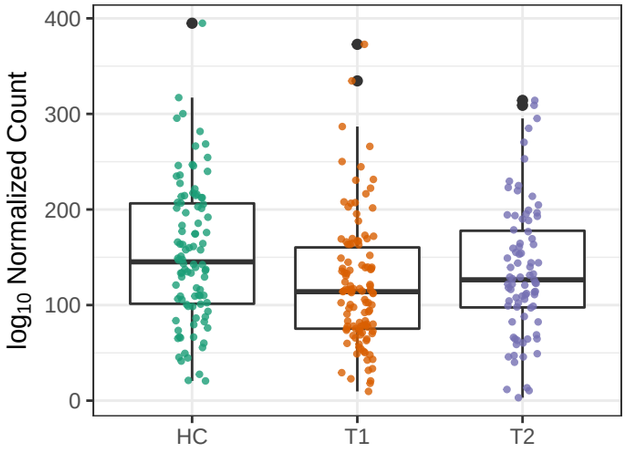
HSERMETANA−PWY: L−methionine bi
HC vs. T1 p = 0.0029
HC vs. T2 p = 0.0011
T1 vs. T2 p = 0.58



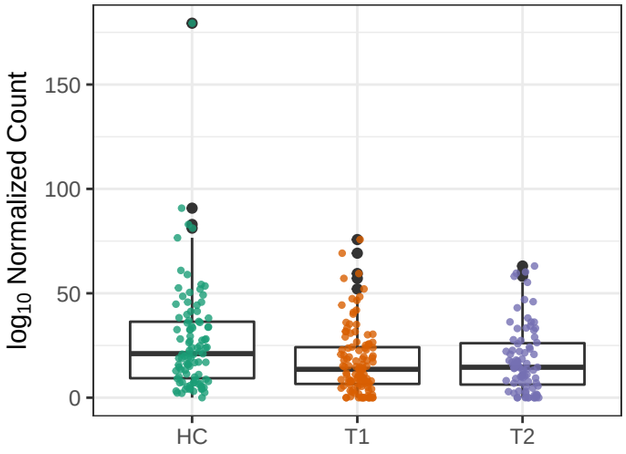
OANTIGEN−PWY: O−antigen building
HC vs. T1 p = 0.0029
HC vs. T2 p = 0.07
T1 vs. T2 p = 0.12



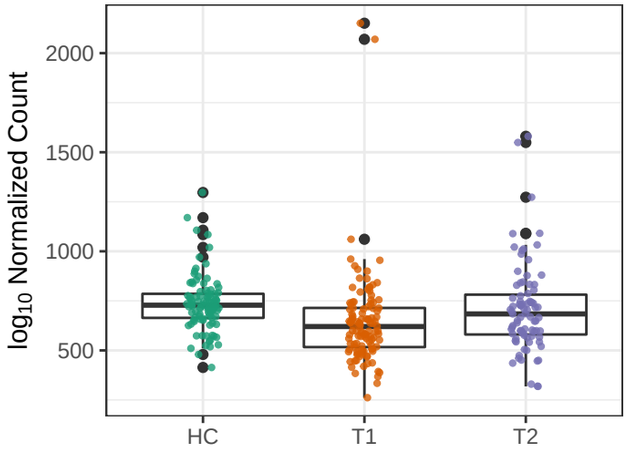
PWY−5659: GDP−mannose biosynthes
HC vs. T1 p = 0.0029
HC vs. T2 p = 0.18
T1 vs. T2 p = 0.39



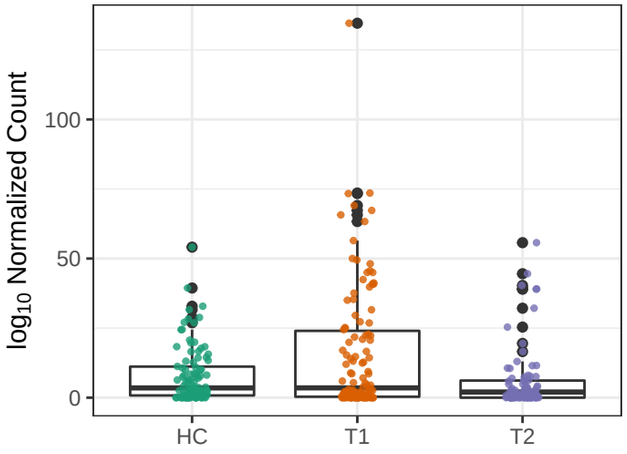
PWY−6612: superpathway of tetrahydr
HC vs. T1 p = 0.0037
HC vs. T2 p = 0.028
T1 vs. T2 p = 0.72



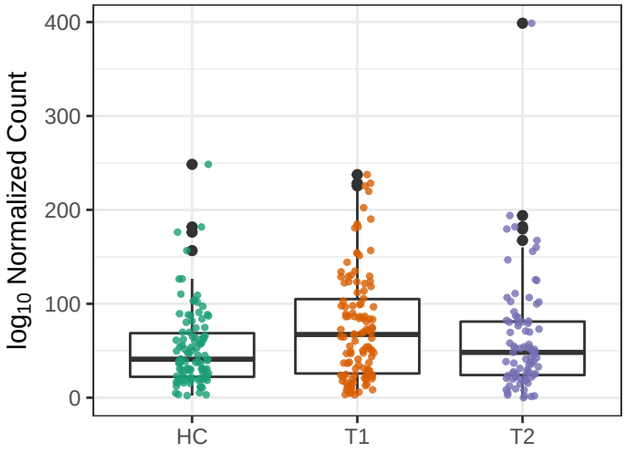
PWY−7111: pyruvate fermentation to i
HC vs. T1 p = 0.0038
HC vs. T2 p = 0.47
T1 vs. T2 p = 0.024



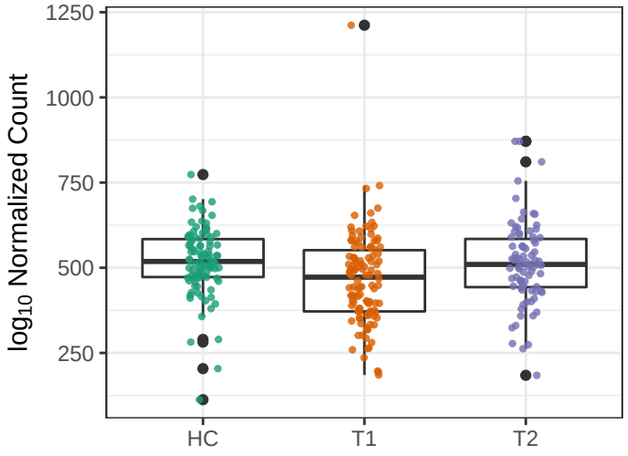
P108−PWY: pyruvate fermentation to p
HC vs. T1 p = 0.004
HC vs. T2 p = 0.36
T1 vs. T2 p = 0.0089



PWY−5154: L−arginine biosynthesis III
HC vs. T1 p = 0.004
HC vs. T2 p = 0.36
T1 vs. T2 p = 0.093

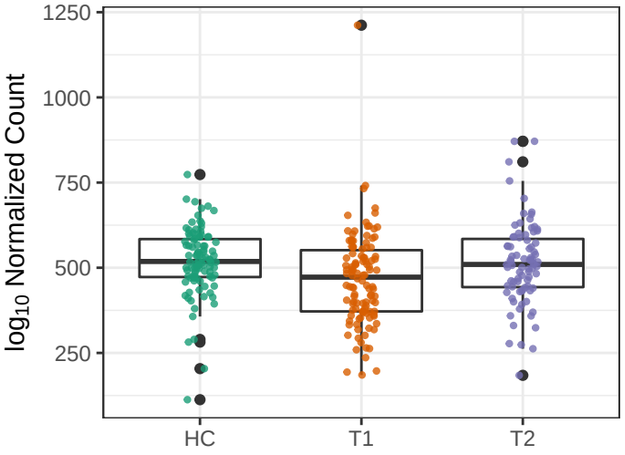


PWY−5667: CDP−diacylglycerol biosy
HC vs. T1 p = 0.0042
HC vs. T2 p = 0.8
T1 vs. T2 p = 0.18



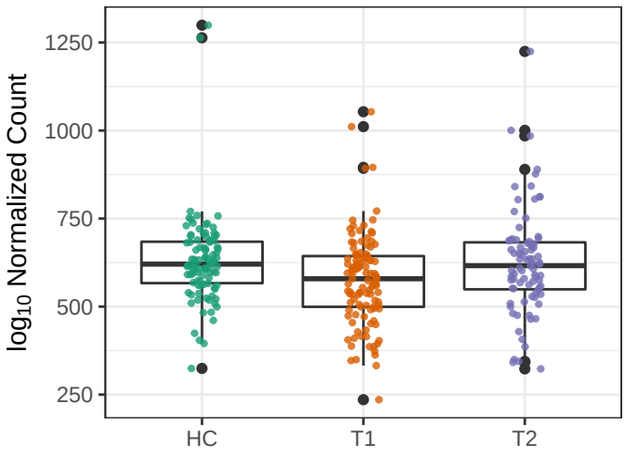
PWY0−1319: CDP−diacylglycerol bios

HC vs. T1 p = 0.0042
HC vs. T2 p = 0.8
T1 vs. T2 p = 0.18



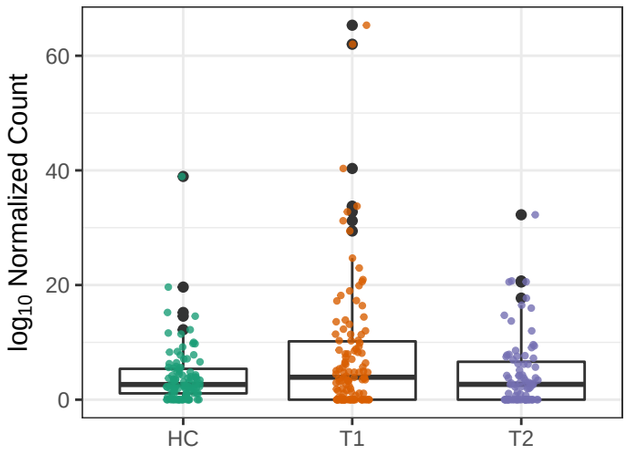
PWY−7221: guanosine ribonucleotide

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



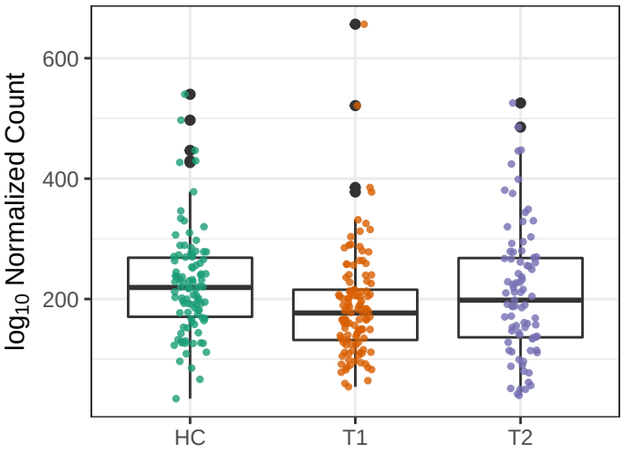
PWY−5464: superpathway of cytosolic g

HC vs. T1 p = 0.0072
HC vs. T2 p = 0.68
T1 vs. T2 p = 0.079



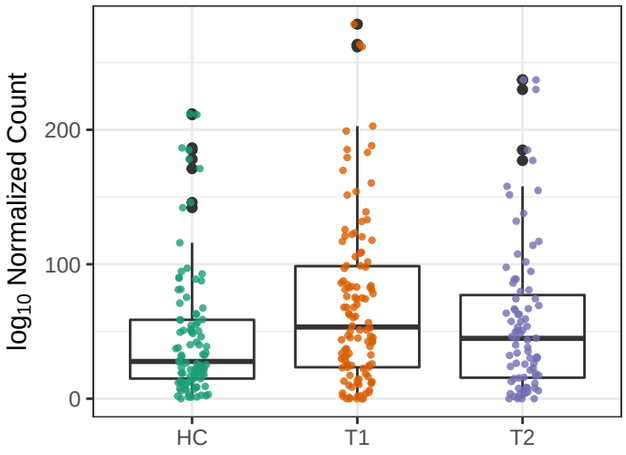
COA−PWY: coenzyme A biosynthesis

HC vs. T1 p = 0.008
HC vs. T2 p = 0.47
T1 vs. T2 p = 0.027



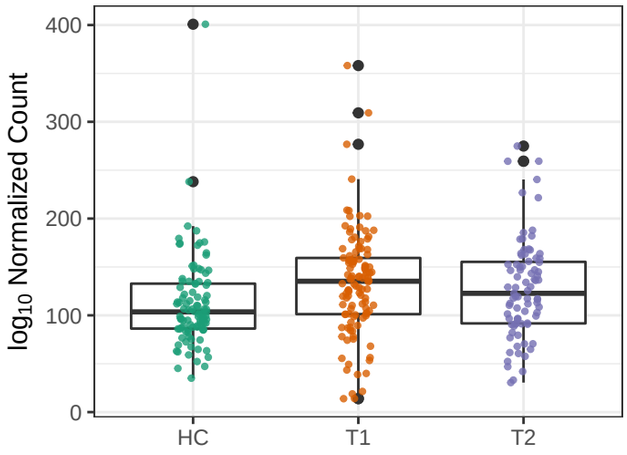
PHOSLIPSYN−PWY: superpathway of

HC vs. T1 p = 0.008
HC vs. T2 p = 0.27
T1 vs. T2 p = 0.078



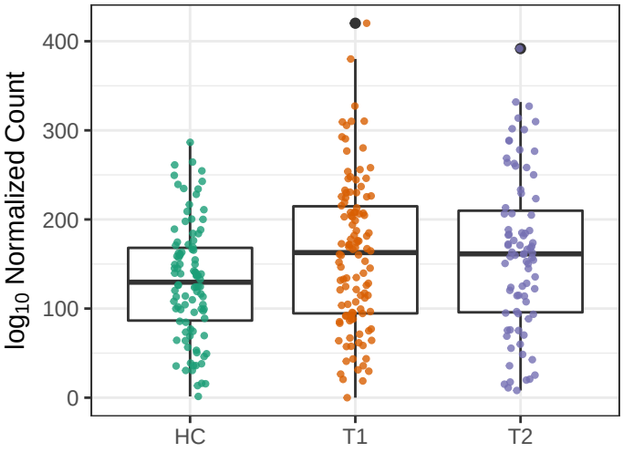
PWY−6545: pyrimidine deoxyribonucle

HC vs. T1 p = 0.01
HC vs. T2 p = 0.1
T1 vs. T2 p = 0.74



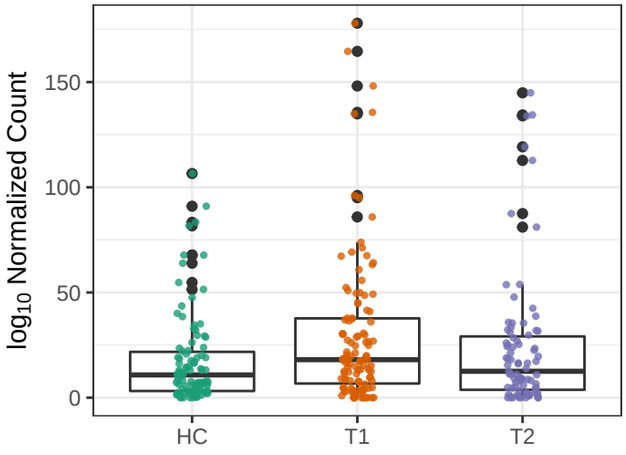
PWY−6168: flavin biosynthesis III (fung

HC vs. T1 p = 0.011
HC vs. T2 p = 0.041
T1 vs. T2 p = 0.42



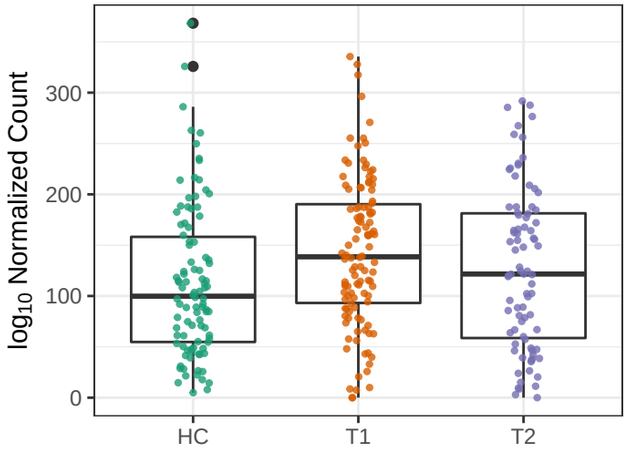
PWY−7323: superpathway of GDP−ma

HC vs. T1 p = 0.011
HC vs. T2 p = 0.27
T1 vs. T2 p = 0.19



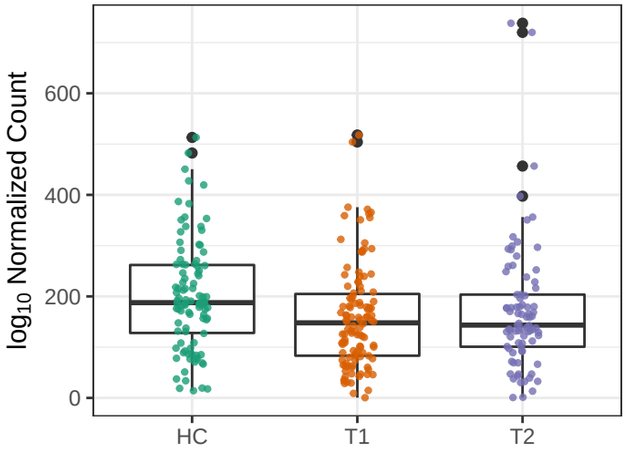
ANAEROFRUCAT−PWY: homolactic fe

HC vs. T1 p = 0.011
HC vs. T2 p = 0.35
T1 vs. T2 p = 0.18



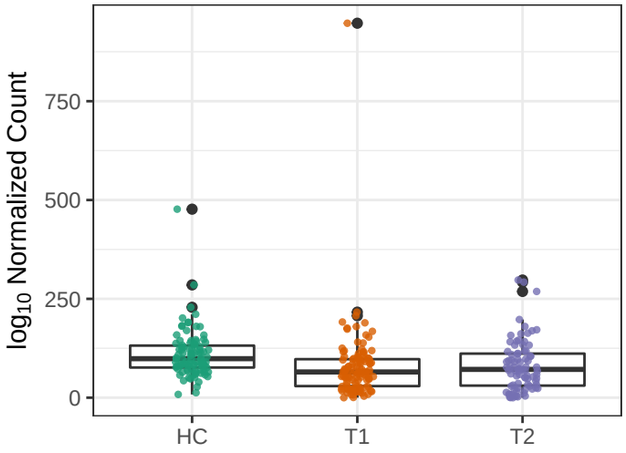
TRPSYN−PWY: L−tryptophan biosynth

HC vs. T1 p = 0.015
HC vs. T2 p = 0.22
T1 vs. T2 p = 0.57



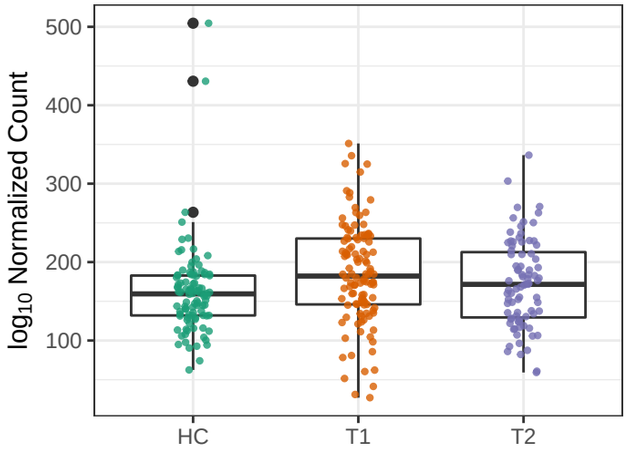
PWY−6305: putrescine biosynthesis IV

HC vs. T1 p = 0.016
HC vs. T2 p = 0.017
T1 vs. T2 p = 0.11



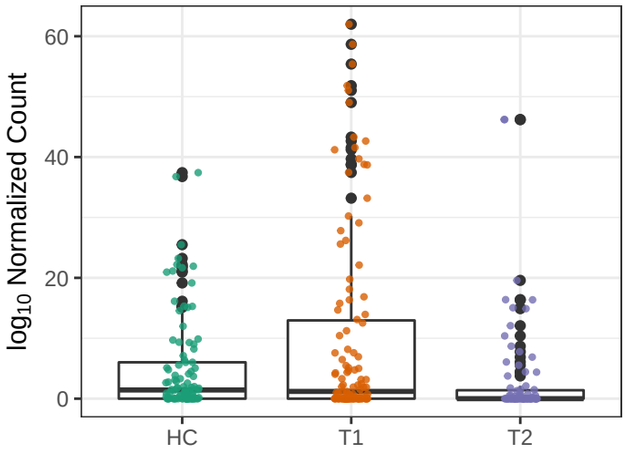
PWY0−166: superpathway of pyrimidin

HC vs. T1 p = 0.018
HC vs. T2 p = 0.32
T1 vs. T2 p = 0.35



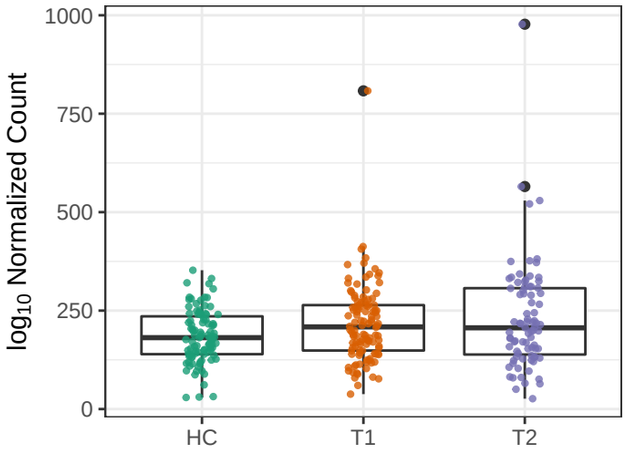
PWY−5505: L−glutamate and L−glutam

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



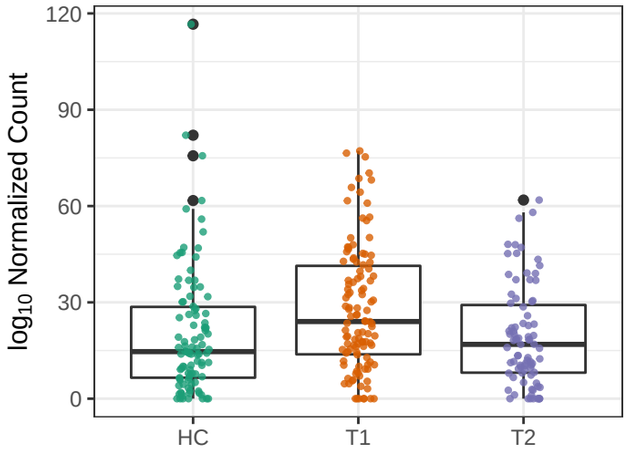
PWY−6703: preQ0 biosynthesis

HC vs. T1 p = 0.019
HC vs. T2 p = 0.04
T1 vs. T2 p = 0.92



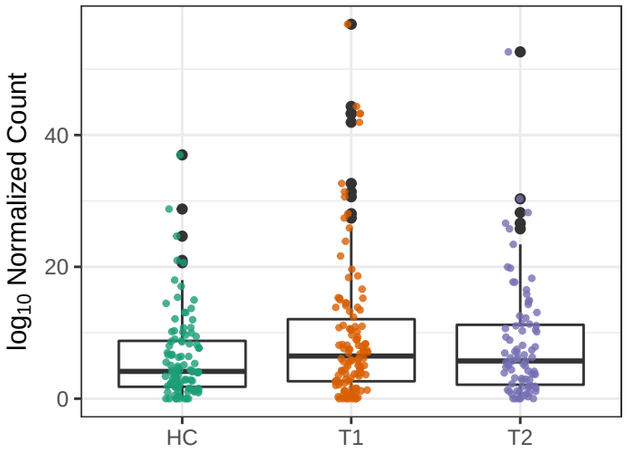
PWY−5676: acetyl−CoA fermentation t

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



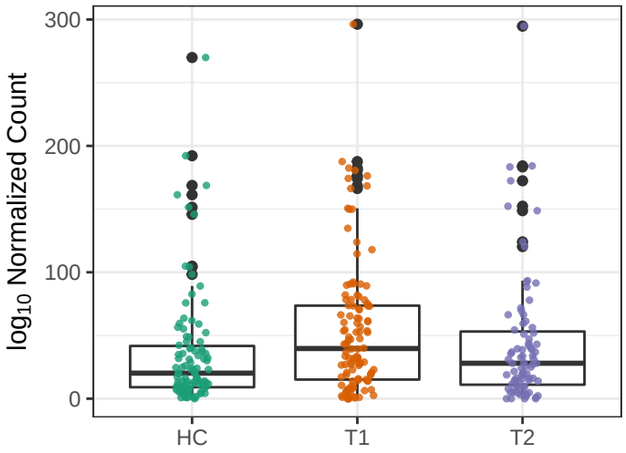
HEME−BIOSYNTHESIS−II: heme biosy

HC vs. T1 p = 0.021
HC vs. T2 p = 0.19
T1 vs. T2 p = 0.25



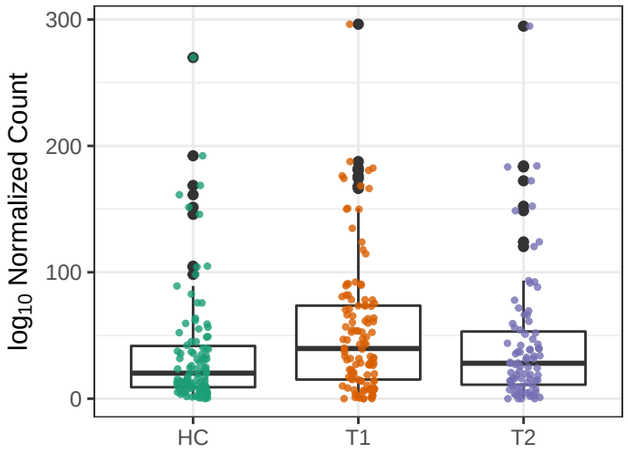
PWY4FS−7: phosphatidylglycerol biosy

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

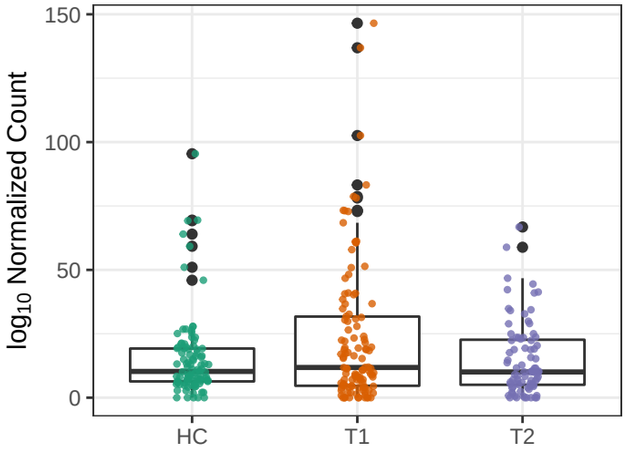


PWY4FS−8: phosphatidylglycerol biosy

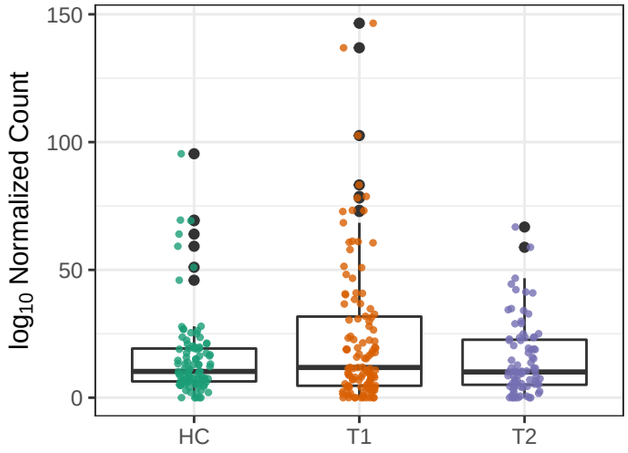
HC vs. T1 p = 0.021
HC vs. T2 p = 0.45
T1 vs. T2 p = 0.057



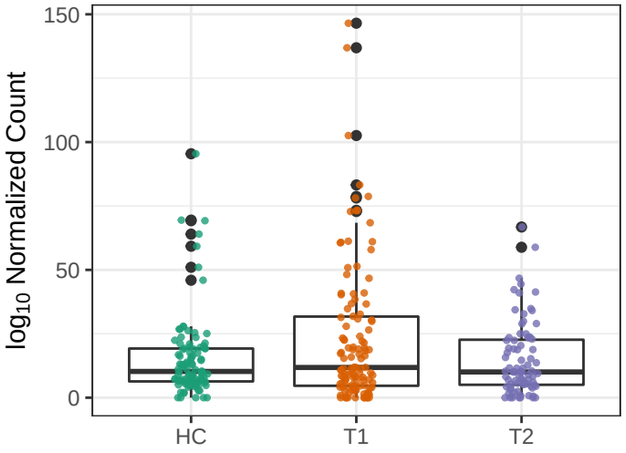
PWY−5897: superpathway of menaqui
HC vs. T1 p = 0.024
HC vs. T2 p = 0.9
T1 vs. T2 p = 0.024



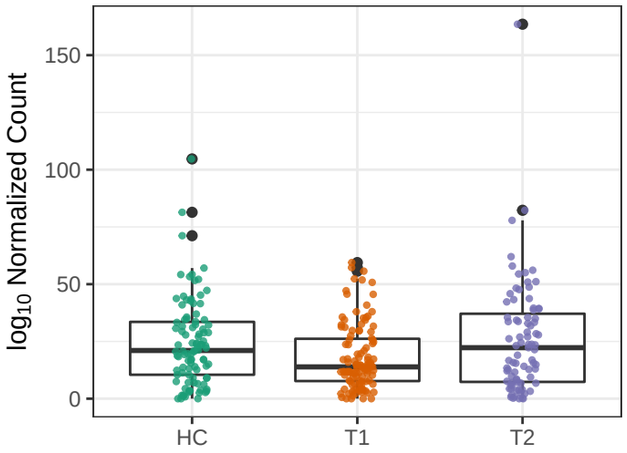
PWY−5898: superpathway of menaqui
HC vs. T1 p = 0.024
HC vs. T2 p = 0.9
T1 vs. T2 p = 0.024



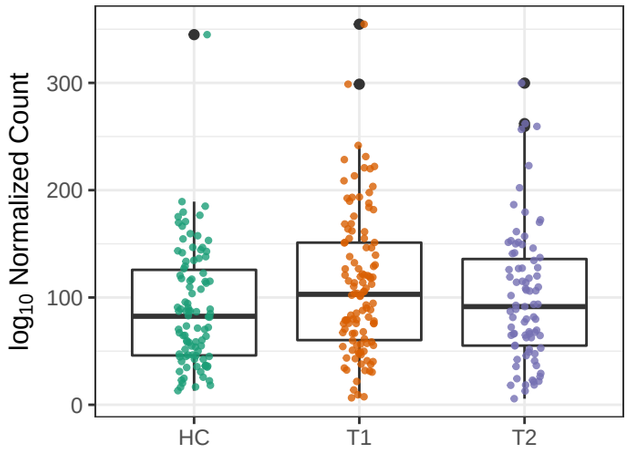
PWY−5899: superpathway of menaqui
HC vs. T1 p = 0.024
HC vs. T2 p = 0.9
T1 vs. T2 p = 0.024



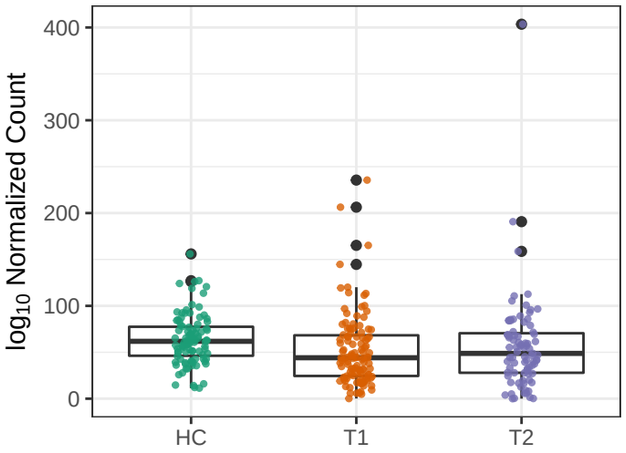
PWY−6595: superpathway of guanosir
HC vs. T1 p = 0.024
HC vs. T2 p = 0.74
T1 vs. T2 p = 0.049



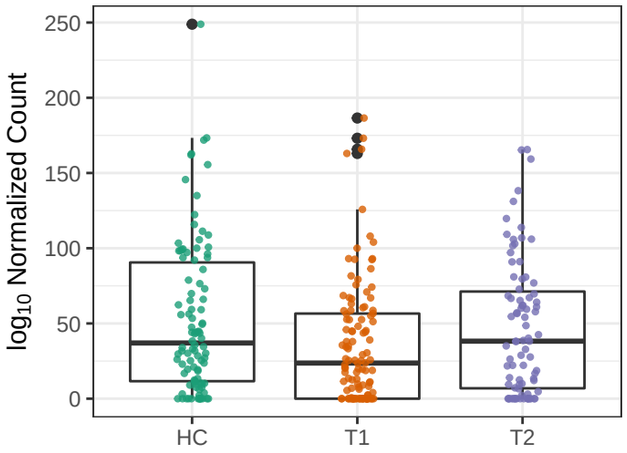
PWY66−409: superpathway of purine r
HC vs. T1 p = 0.025
HC vs. T2 p = 0.34
T1 vs. T2 p = 0.086



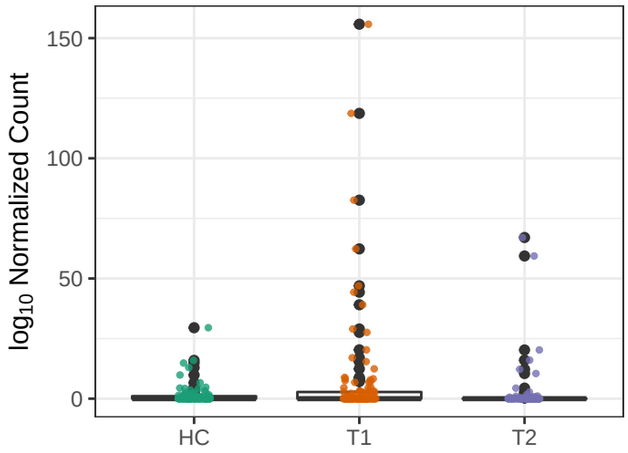
SALVADEHYPOX−PWY: adenosine nu
HC vs. T1 p = 0.026
HC vs. T2 p = 0.35
T1 vs. T2 p = 0.54



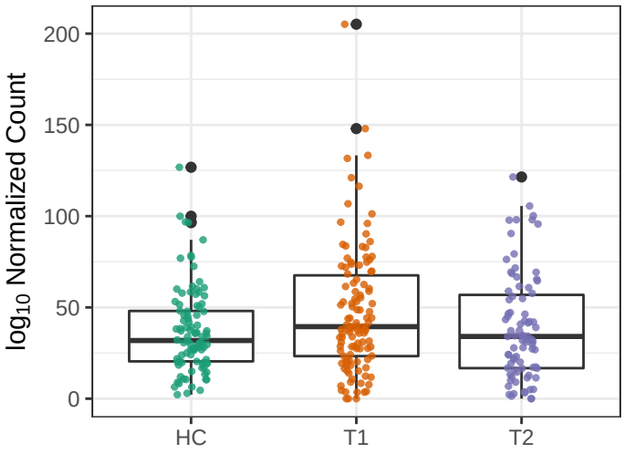
PWY−7456: mannan degradation
HC vs. T1 p = 0.026
HC vs. T2 p = 0.58
T1 vs. T2 p = 0.065



PWY−7013: L−1,2−propanediol degrac
HC vs. T1 p = 0.026
HC vs. T2 p = 0.55
T1 vs. T2 p = 0.059

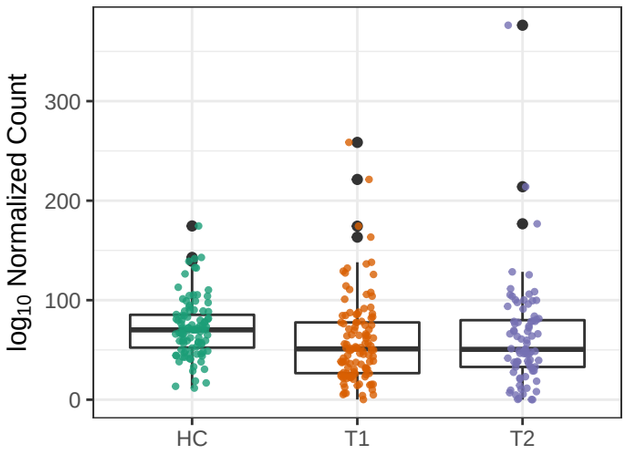


HEXITOLDEGSUPER−PWY: superpat
HC vs. T1 p = 0.028
HC vs. T2 p = 0.73
T1 vs. T2 p = 0.049



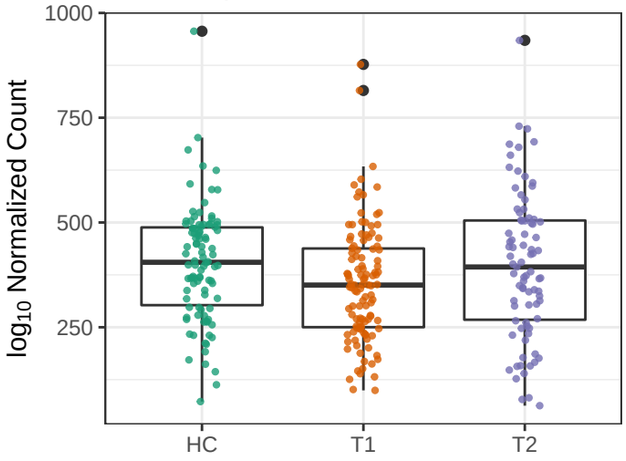
PWY−6608: guanosine nucleotides de(

HC vs. T1 p = 0.028
HC vs. T2 p = 0.22
T1 vs. T2 p = 0.74



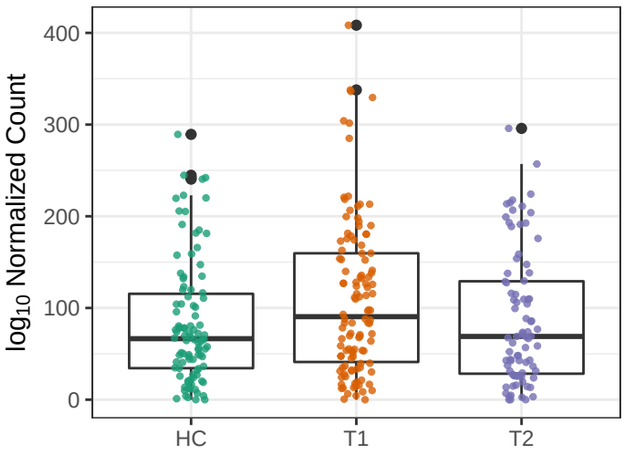
PWY−6385: peptidoglycan biosynthes

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



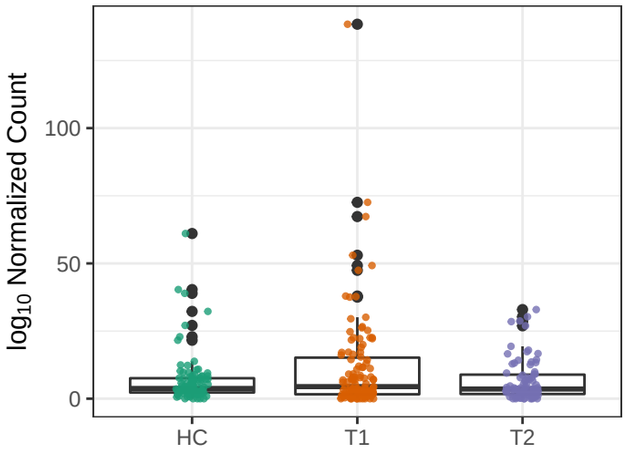
PWY−7560: methylerythritol phosphate

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



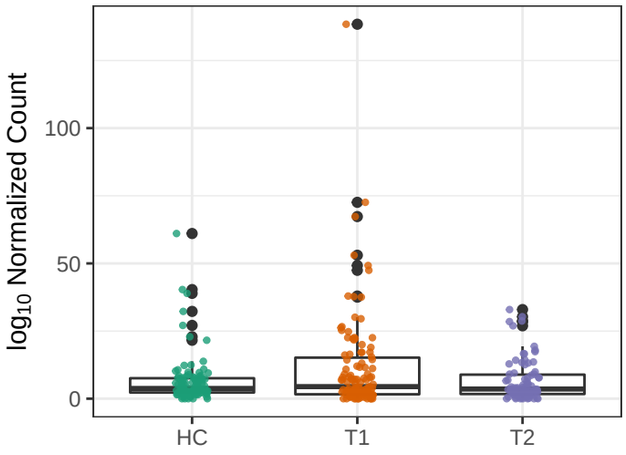
PWY−5791: 1,4−dihydroxy−2−naphtho

HC vs. T1 p = 0.032
HC vs. T2 p = 0.96
T1 vs. T2 p = 0.02



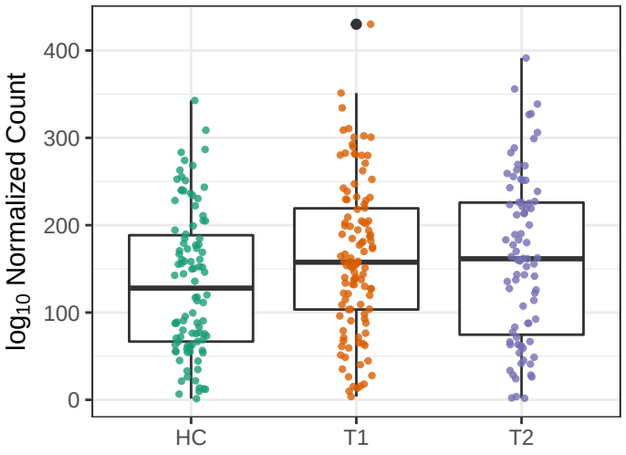
PWY−5837: 1,4−dihydroxy−2−naphtho

HC vs. T1 p = 0.032
HC vs. T2 p = 0.96
T1 vs. T2 p = 0.02



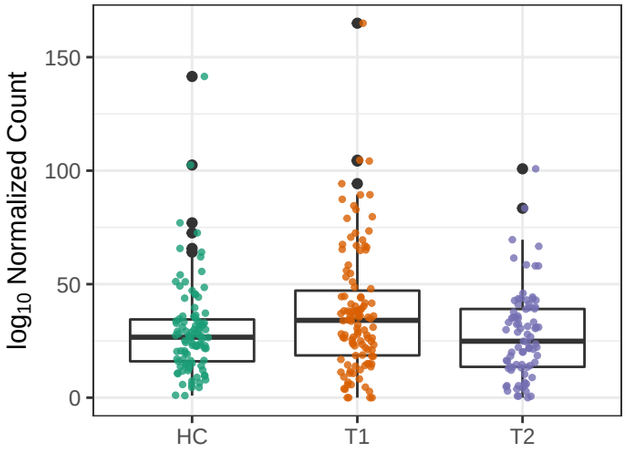
PWY−6897: thiamin salvage II

HC vs. T1 p = 0.032
HC vs. T2 p = 0.1
T1 vs. T2 p = 0.49



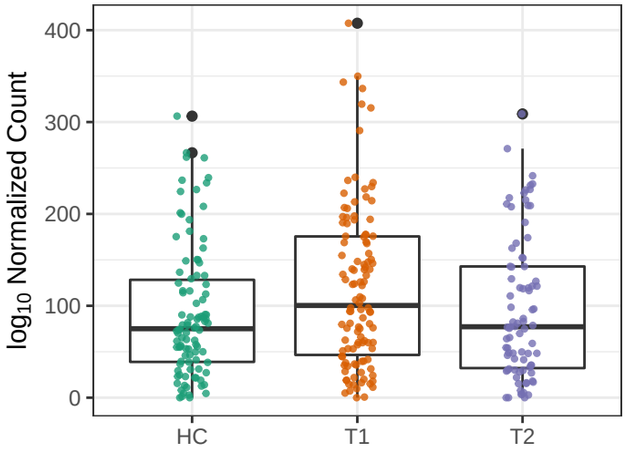
P441−PWY: superpathway of N−acetyl

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



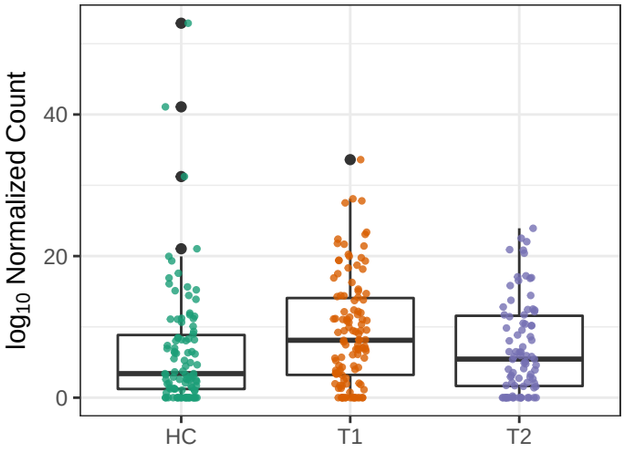
PWY−6270: isoprene biosynthesis I

HC vs. T1 p = 0.038
HC vs. T2 p = 0.76
T1 vs. T2 p = 0.1



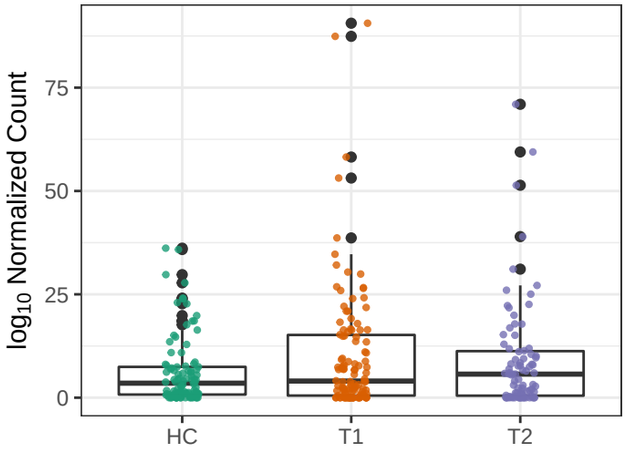
P162−PWY: L−glutamate degradation V

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



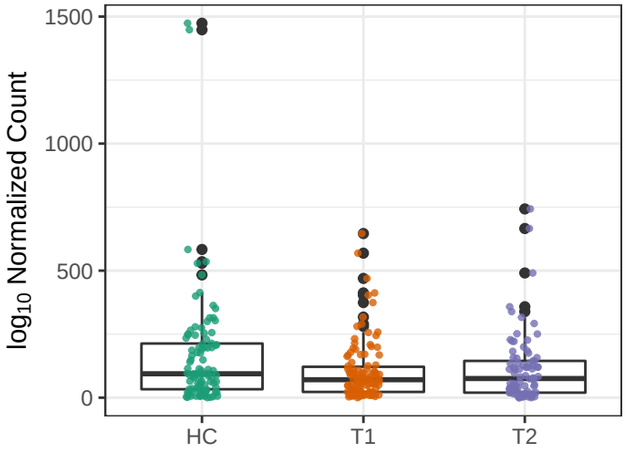
PWY−6531: mannitol cycle

HC vs. T1 p = 0.04
HC vs. T2 p = 0.17
T1 vs. T2 p = 0.35



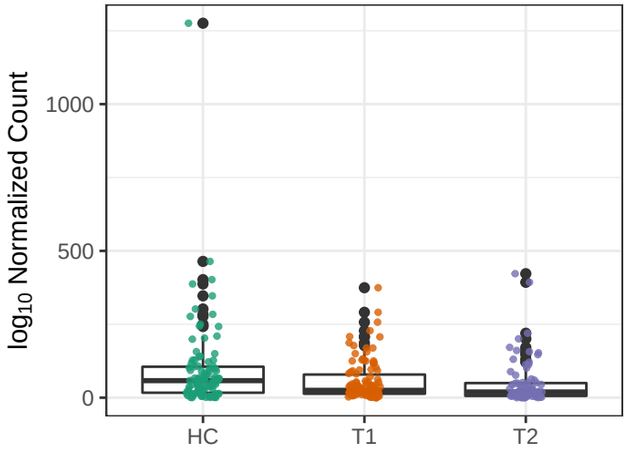
UDPNAGSYN−PWY: UDP−N−acetyl−

HC vs. T1 p = 0.04
HC vs. T2 p = 0.13
T1 vs. T2 p = 0.25



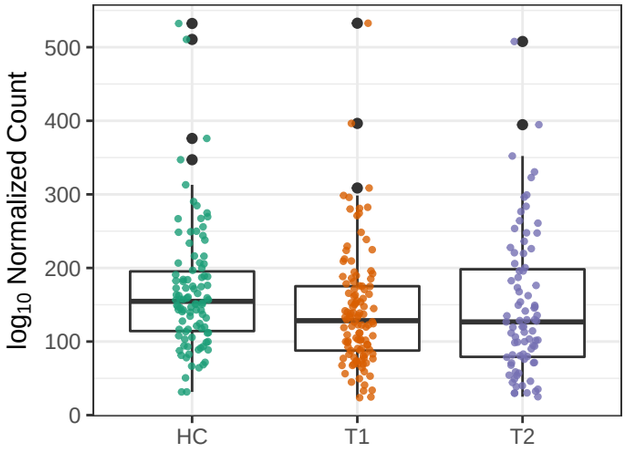
PWY−6147: 6−hydroxymethyl−dihydro

HC vs. T1 p = 0.04
HC vs. T2 p = 0.04
T1 vs. T2 p = 0.88



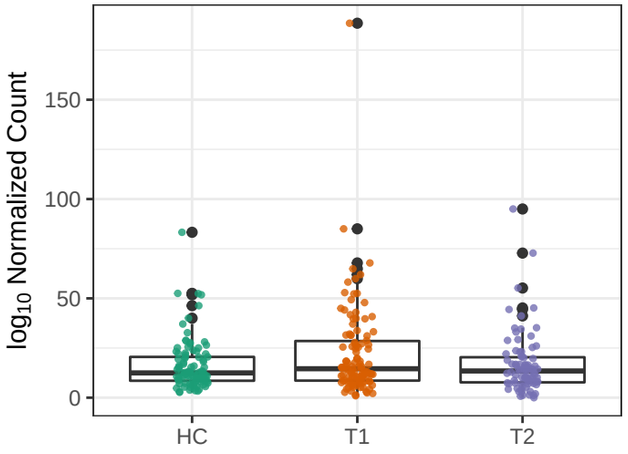
PWY−4242: pantothenate and coenzyr

HC vs. T1 p = 0.042
HC vs. T2 p = 0.22
T1 vs. T2 p = 0.36



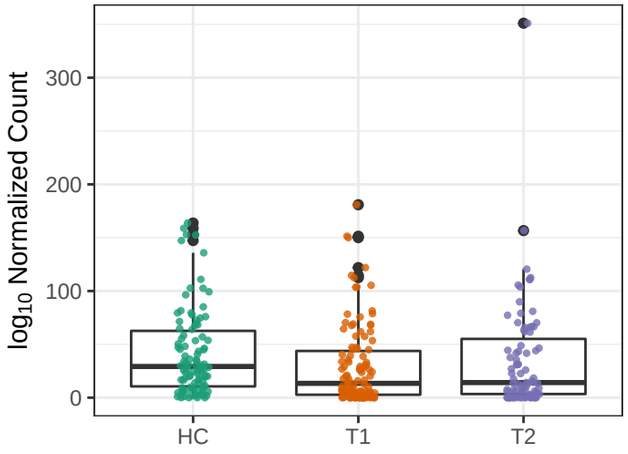
HEMESYN2−PWY: heme biosynthesis

HC vs. T1 p = 0.046
HC vs. T2 p = 0.89
T1 vs. T2 p = 0.27



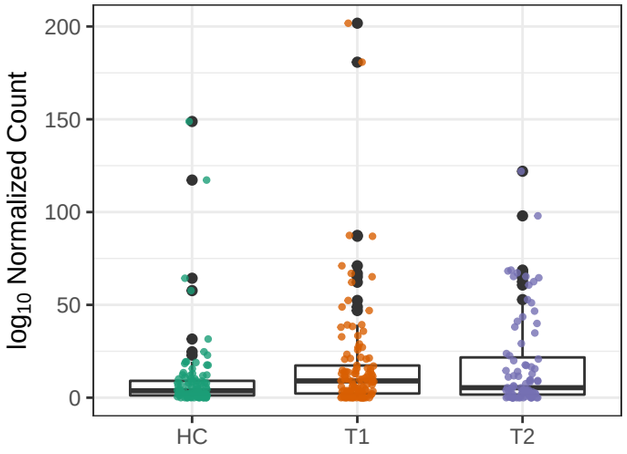
PWY−5941: glycogen degradation II (e

HC vs. T1 p = 0.048
HC vs. T2 p = 0.47
T1 vs. T2 p = 0.51



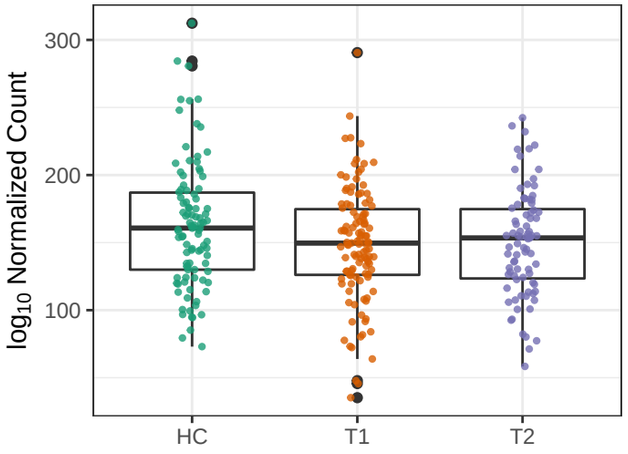
FASYN−ELONG−PWY: fatty acid elong

HC vs. T1 p = 0.054
HC vs. T2 p = 0.065
T1 vs. T2 p = 0.84



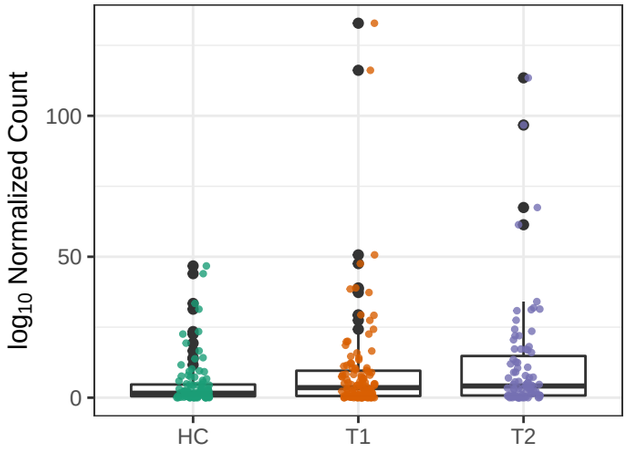
PWY−7187: pyrimidine deoxyribonucle

HC vs. T1 p = 0.054
HC vs. T2 p = 0.12
T1 vs. T2 p = 0.49



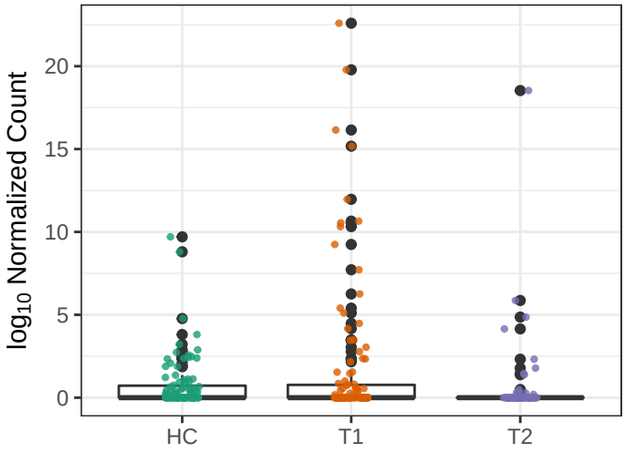
PWY−5384: sucrose degradation IV (su

HC vs. T1 p = 0.055
HC vs. T2 p = 0.03
T1 vs. T2 p = 0.42



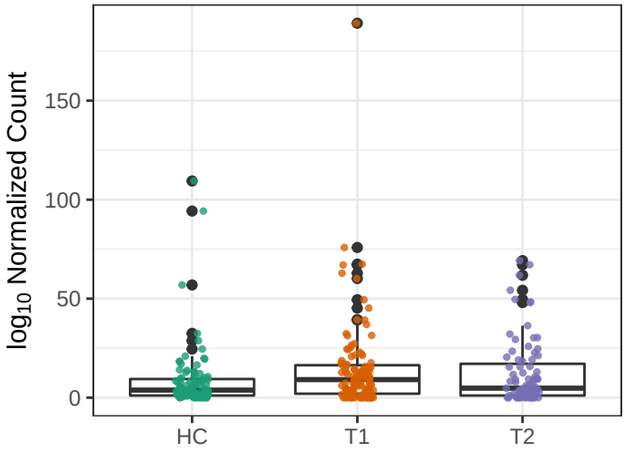
PWY−7399: methylphosphonate degrad

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



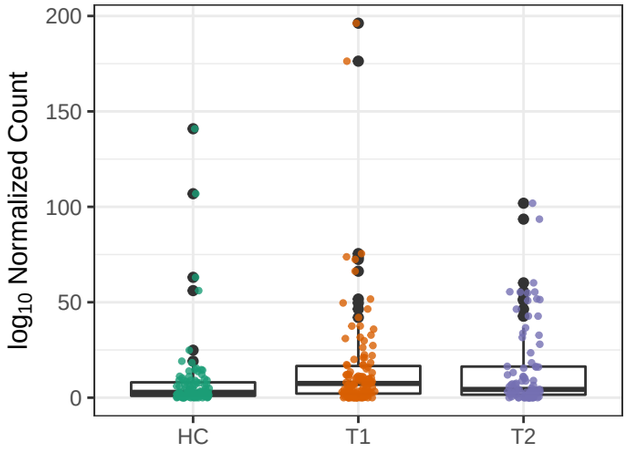
BIOTIN−BIOSYNTHESIS−PWY: biotin

HC vs. T1 p = 0.06
HC vs. T2 p = 0.23
T1 vs. T2 p = 0.58



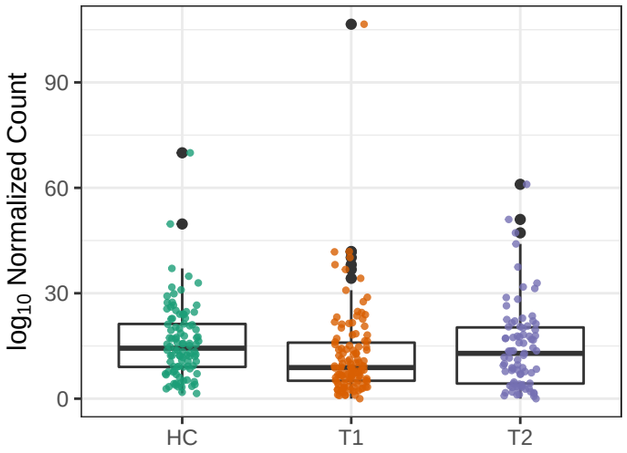
PWY0−862: (5Z)−dodec−5−enoate bio

HC vs. T1 p = 0.062
HC vs. T2 p = 0.085
T1 vs. T2 p = 0.95



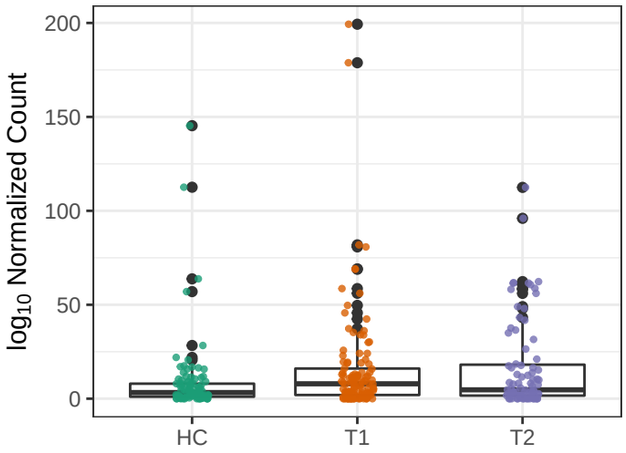
GOLPDLCAT−PWY: superpathway of gl

HC vs. T1 p = 0.064
HC vs. T2 p = 0.47
T1 vs. T2 p = 0.37



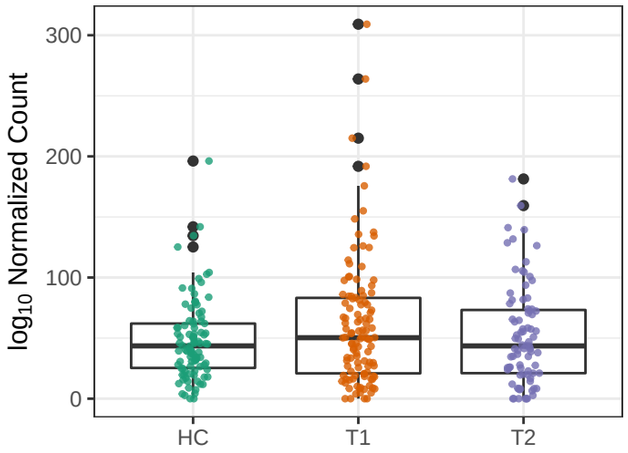
PWY−7664: oleate biosynthesis IV (an

HC vs. T1 p = 0.067
HC vs. T2 p = 0.075
T1 vs. T2 p = 0.87



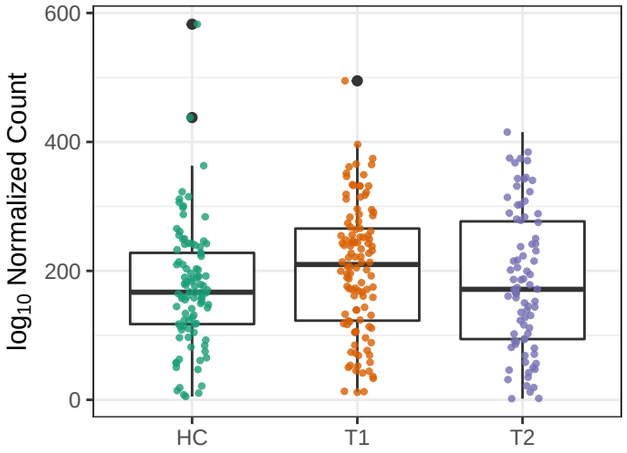
PWY0−1261: anhydromuropeptides rec

HC vs. T1 p = 0.067
HC vs. T2 p = 0.61
T1 vs. T2 p = 0.16



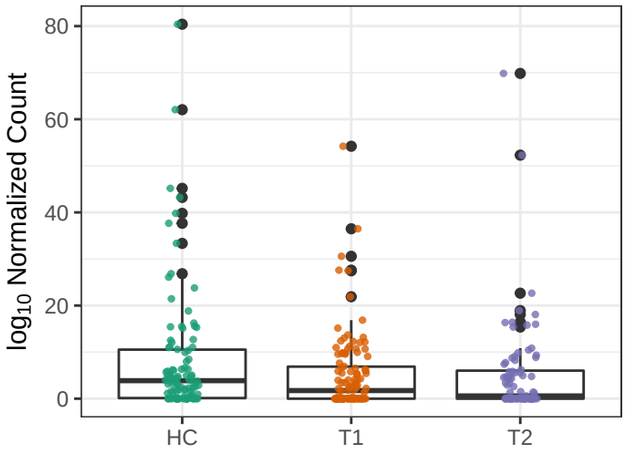
PWY−5973: cis−vaccenate biosynthesi

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



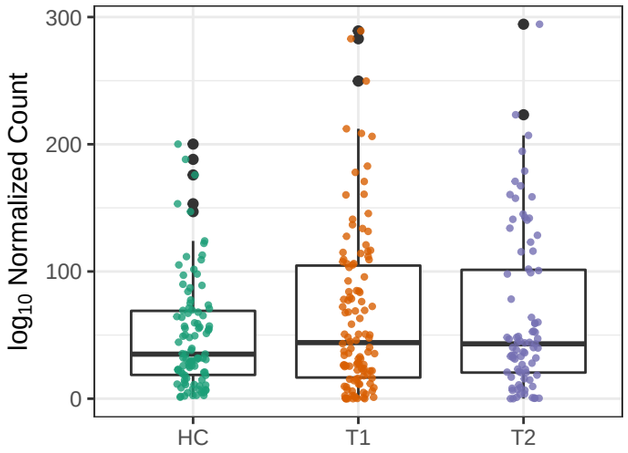
CRNFORCAT−PWY: creatinine degrada

HC vs. T1 p = 0.071
HC vs. T2 p = 0.17
T1 vs. T2 p = 0.86



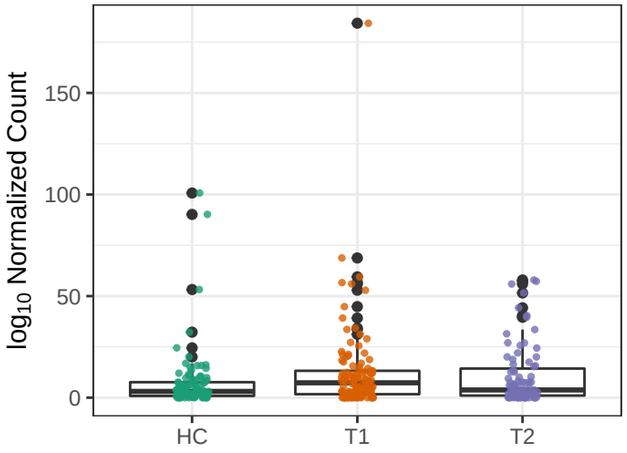
PWY−5101: L−isoleucine biosynthesis

HC vs. T1 p = 0.08
HC vs. T2 p = 0.14
T1 vs. T2 p = 0.91



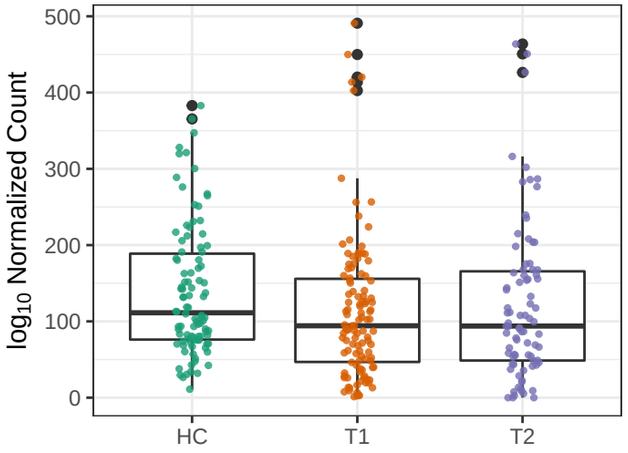
PWY−6519: 8−amino−7−oxononanoat

HC vs. T1 p = 0.089
HC vs. T2 p = 0.26
T1 vs. T2 p = 0.64



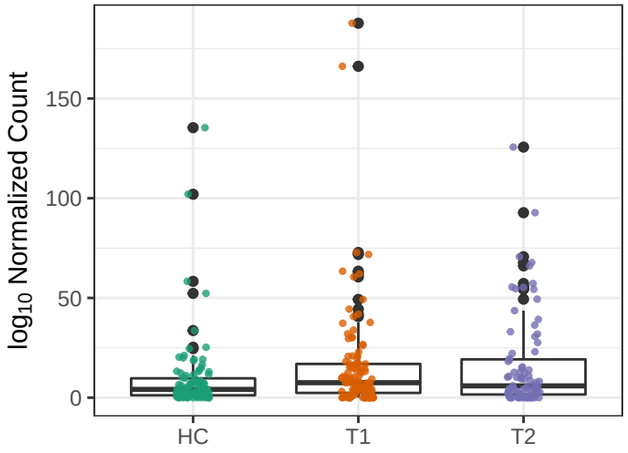
PWY−5104: L−isoleucine biosynthesis

HC vs. T1 p = 0.092
HC vs. T2 p = 0.34
T1 vs. T2 p = 0.36



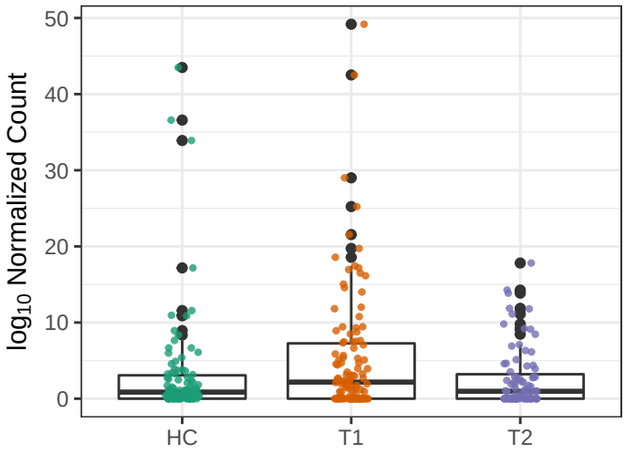
PWY−6282: palmitoleate biosynthesis

HC vs. T1 p = 0.093
HC vs. T2 p = 0.092
T1 vs. T2 p = 0.84



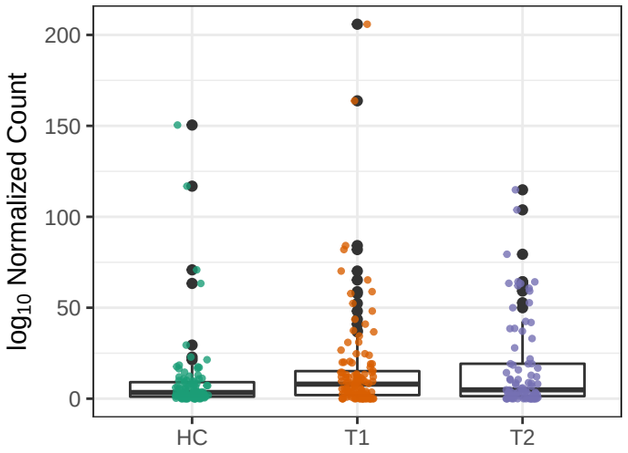
PWY−7328: superpathway of UDP−gluc

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



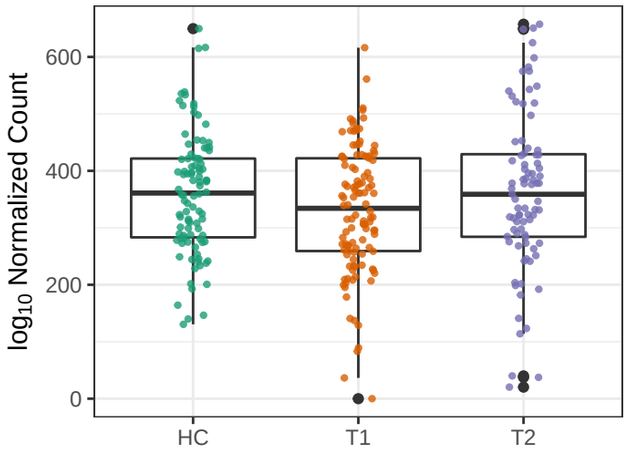
PWYG−321: mycolate biosynthesis

HC vs. T1 p = 0.095
HC vs. T2 p = 0.078
T1 vs. T2 p = 0.68



ANAGLYCOLYSIS−PWY: glycolysis III

HC vs. T1 p = 0.097
HC vs. T2 p = 0.96
T1 vs. T2 p = 0.078



P42−PWY: incomplete reductive TCA cycle

HC vs. T1 p = 0.099
HC vs. T2 p = 0.76
T1 vs. T2 p = 0.021