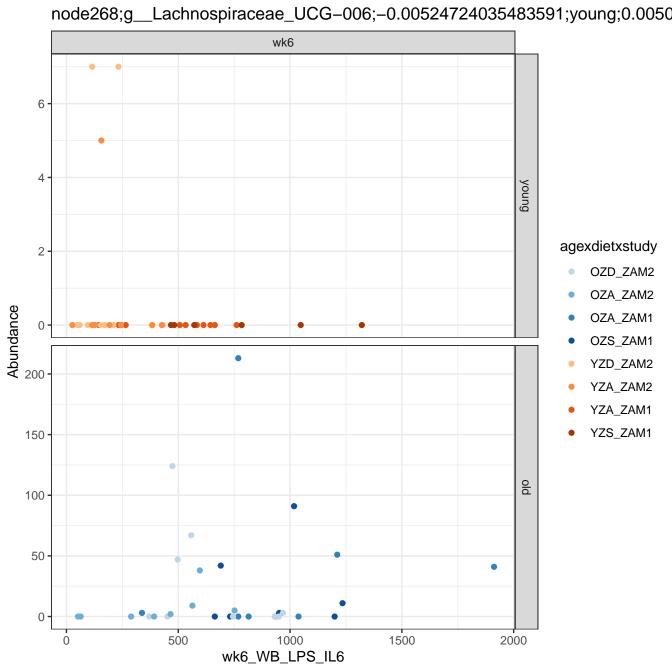


node133;f__Ruminococcaceae;-0.00604921563004212;young;1.404892173982 wk6 • 300 200 agexdietxstudy 100 OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 -OZS_ZAM1 80 -YZD_ZAM2 YZA_ZAM2 YZA_ZAM1 60 YZS_ZAM1 40 임 20 0 1000 1500 500 2000 0 wk6_WB_LPS_IL6

node332;g___Faecalibaculum;-0.00567050010755408;young;0 wk6 1000 750 -500 agexdietxstudy 250 -OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 OZS_ZAM1 YZD_ZAM2 1500 YZA_ZAM2 YZA_ZAM1 YZS_ZAM1 1000 500 0 1500 500 1000 2000 wk6_WB_LPS_IL6

node29;f__Clostridiales_vadinBB60_group;-0.00543220472390869;young;0.034 wk6 100 75 50 agexdietxstudy 25 OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 -OZS_ZAM1 YZD_ZAM2 YZA_ZAM2 200 YZA_ZAM1 YZS_ZAM1 150 100 50 0 1500 500 1000 2000 0 wk6_WB_LPS_IL6



node121;f__Ruminococcaceae;0.00495302717148723;old;0.008907537933173 wk6 30 20 • agexdietxstudy 10 OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 OZS_ZAM1 YZD_ZAM2 2000 -YZA_ZAM2 YZA_ZAM1 YZS_ZAM1 1500 임 1000 500 -0 1500 500 1000 2000 wk6_WB_LPS_IL6

node346;f__Muribaculaceae;-0.00489886926453938;old;0.0010917909444122 wk6 6000 4000 agexdietxstudy 2000 OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 OZS_ZAM1 800 -YZD_ZAM2 YZA_ZAM2 YZA_ZAM1 600 -YZS_ZAM1 400 200 0 1500 500 1000 2000 wk6_WB_LPS_IL6

node347;f__Muribaculaceae;-0.00489886926453938;old;0.0010917909444122 wk6 6000 4000 agexdietxstudy 2000 OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 OZS_ZAM1 800 -YZD_ZAM2 YZA_ZAM2 YZA_ZAM1 600 -YZS_ZAM1 400 200 0 1500 500 1000 2000 wk6_WB_LPS_IL6

node349;f__Muribaculaceae;-0.00489633094887574;old;0.0010917909444122 wk6 6000 4000 agexdietxstudy 2000 OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 OZS_ZAM1 800 -YZD_ZAM2 YZA_ZAM2 YZA_ZAM1 600 -YZS_ZAM1 400 200 0 1500 500 1000 2000 wk6_WB_LPS_IL6

node332;g__Faecalibaculum;-0.00411687765368611;old;0.0002529518818593 wk6 1000 750 -500 agexdietxstudy 250 -OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 OZS_ZAM1 YZD_ZAM2 1500 YZA_ZAM2 YZA_ZAM1 YZS_ZAM1 1000 500 0 1500 500 1000 2000 wk6_WB_LPS_IL6

node120;f__Ruminococcaceae;0.00411318834371207;old;0.002460096941204 wk6 300 200 agexdietxstudy 100 -• OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 OZS_ZAM1 YZD_ZAM2 2000 YZA_ZAM2 YZA_ZAM1 YZS_ZAM1 1500 -임 1000 500 0 1500 500 1000 2000 wk6_WB_LPS_IL6

node222;f__Lachnospiraceae;0.00342537644397059;young;0.02495272437380 wk6 3000 2000 agexdietxstudy 1000 OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 OZS_ZAM1 5000 YZD_ZAM2 YZA_ZAM2 4000 YZA_ZAM1 YZS_ZAM1 3000 2000 1000 0 1500 500 1000 2000 wk6_WB_LPS_IL6

node191;f__Lachnospiraceae;-0.00331989462125119;young;0.03842639734961 wk6 10young 5 agexdietxstudy OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 OZS_ZAM1 YZD_ZAM2 YZA_ZAM2 9 -YZA_ZAM1 YZS_ZAM1 6 -읝 3 -0 1500 500 1000 2000 0 wk6_WB_LPS_IL6

node221;g__Lachnospiraceae_NK4A136_group;-0.00326432615722322;old;5.5 wk6 300 200 agexdietxstudy 100 OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 -OZS_ZAM1 YZD_ZAM2 30 YZA_ZAM2 YZA_ZAM1 YZS_ZAM1 20 10 0 1500 500 1000 2000 0 wk6_WB_LPS_IL6

node119;f__Ruminococcaceae;0.00311542635249031;old;0.000141887384712 wk6 300 200 agexdietxstudy 100 -• OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 OZS_ZAM1 YZD_ZAM2 2000 YZA_ZAM2 YZA_ZAM1 YZS_ZAM1 1500 -임 1000 500 0 1500 500 1000 2000 wk6_WB_LPS_IL6

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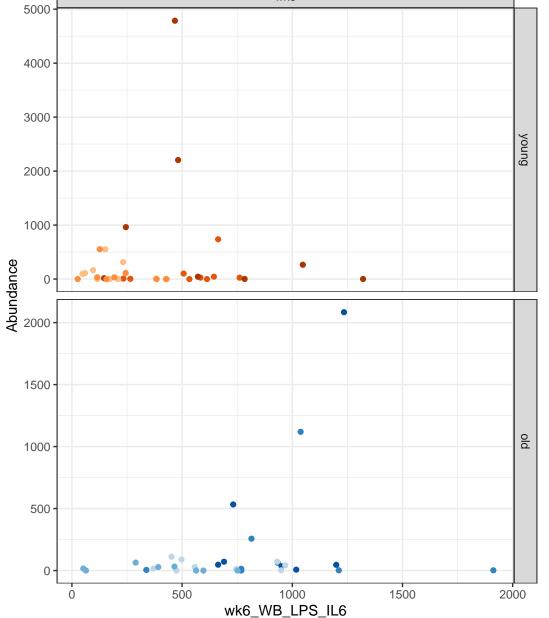
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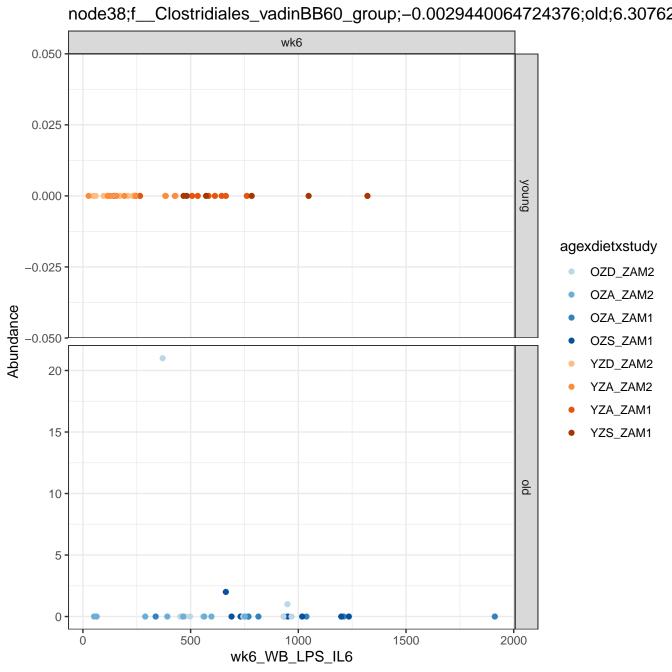
OZA_ZAM1

OZS_ZAM1 YZD_ZAM2

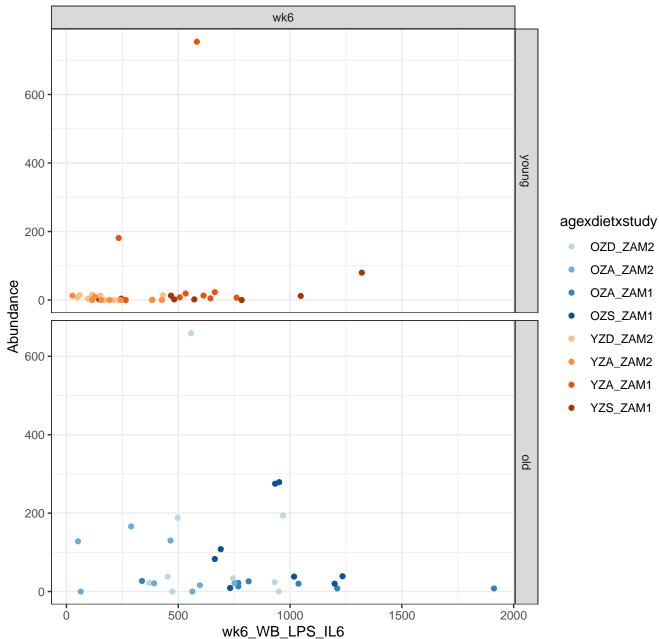
YZA_ZAM2 YZA_ZAM1

YZS_ZAM1



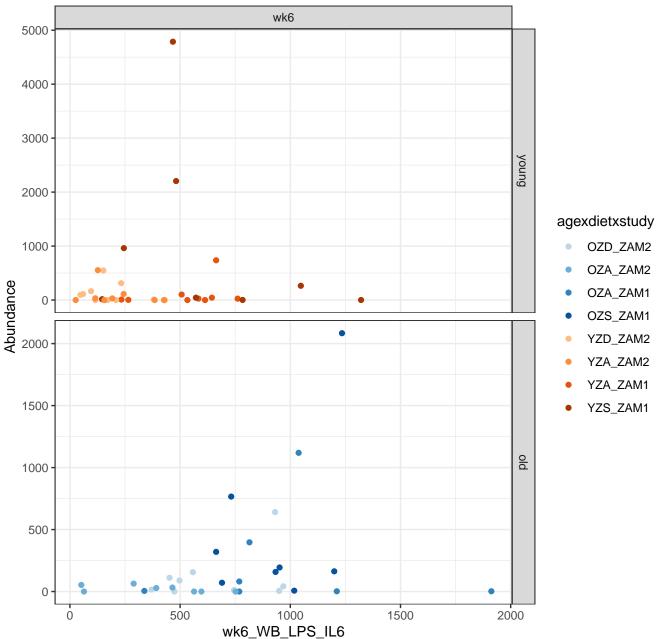


node24;o__Clostridiales;0.00292563014502376;young;0.0347172030707134 wk6



node12;f__Clostridiales_vadinBB60_group;0.00287434367614491;young;0.0286 wk6 80 60 40 agexdietxstudy 20 OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 -OZS_ZAM1 YZD_ZAM2 YZA_ZAM2 300 YZA_ZAM1 YZS_ZAM1 200 old 100 -0 1500 500 1000 2000 wk6_WB_LPS_IL6

node154;g__Acetatifactor;0.00277890977917101;old;0.0032262824381274



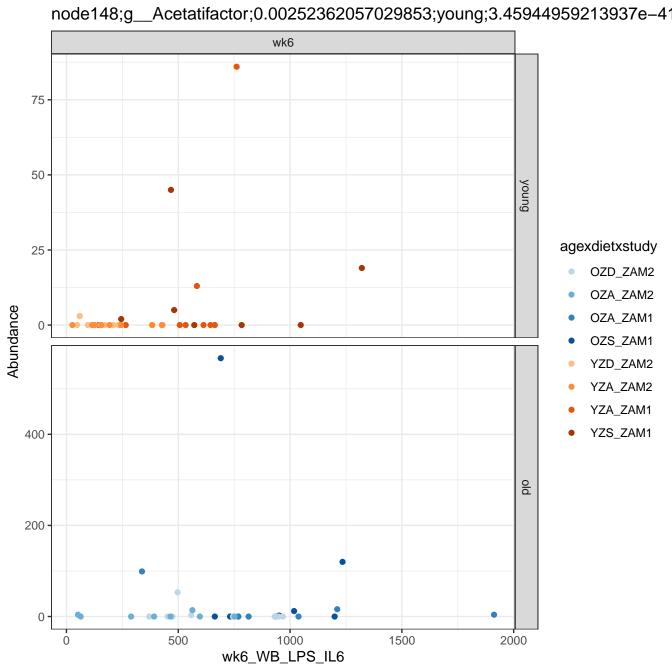
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node353;g__Bacteroides;-0.00258240787431965;young;0.000263396418499 wk6 12.5 10.0 -7.5 -5.0 agexdietxstudy 2.5 OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0.0 OZS_ZAM1 0.050 YZD_ZAM2 YZA_ZAM2 YZA_ZAM1 0.025 -YZS_ZAM1 임 0.000 -0.025 --0.050500 0 1000 1500 2000 wk6_WB_LPS_IL6

node212;f__Lachnospiraceae;0.00258183618741813;young;0.00417170390648 wk6 4000 3000 2000 agexdietxstudy 1000 OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 OZS_ZAM1 5000 -YZD_ZAM2 YZA_ZAM2 4000 YZA_ZAM1 YZS_ZAM1 3000 2000 -1000 -0 1500 500 1000 2000 wk6_WB_LPS_IL6

node279;g__Lachnoclostridium;-0.00257873508631731;old;2.012554385381656 wk6 150 100 agexdietxstudy 50 OZD_ZAM2 OZA_ZAM2 Abundance 0 250 OZA_ZAM1 0 -OZS_ZAM1 YZD_ZAM2 YZA_ZAM2 200 YZA_ZAM1 YZS_ZAM1 150 100 50 0 1500 500 1000 2000 0 wk6_WB_LPS_IL6

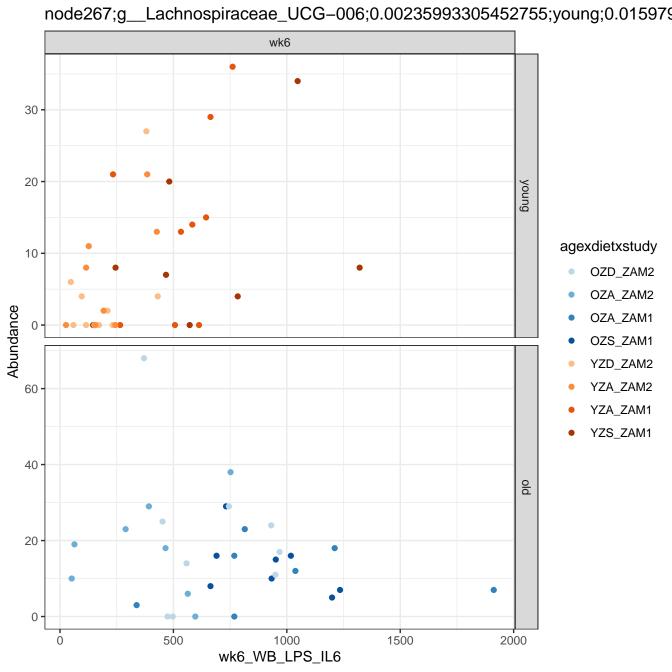
node147;g__Acetatifactor;0.00252362057029853;young;3.45944959213937e-47 wk6 75 50 agexdietxstudy 25 OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 OZS_ZAM1 800 -YZD_ZAM2 YZA_ZAM2 YZA_ZAM1 600 YZS_ZAM1 400 임 200 0 1500 500 1000 2000 wk6_WB_LPS_IL6



node278;g__Lachnoclostridium;-0.002509054262673;old;5.28087988026485e-9 wk6 150 100 agexdietxstudy 50 OZD_ZAM2 OZA_ZAM2 Abundance 0 250 OZA_ZAM1 0 -OZS_ZAM1 YZD_ZAM2 YZA_ZAM2 200 YZA_ZAM1 YZS_ZAM1 150 100 50 0 1500 500 1000 2000 0 wk6_WB_LPS_IL6

node232;f__Lachnospiraceae;0.00247436711344138;young;3.152404132377146 wk6 120 90 60 agexdietxstudy 30 OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 -OZS_ZAM1 YZD_ZAM2 YZA_ZAM2 600 YZA_ZAM1 YZS_ZAM1 400 200 0 1500 500 1000 2000 0 wk6_WB_LPS_IL6

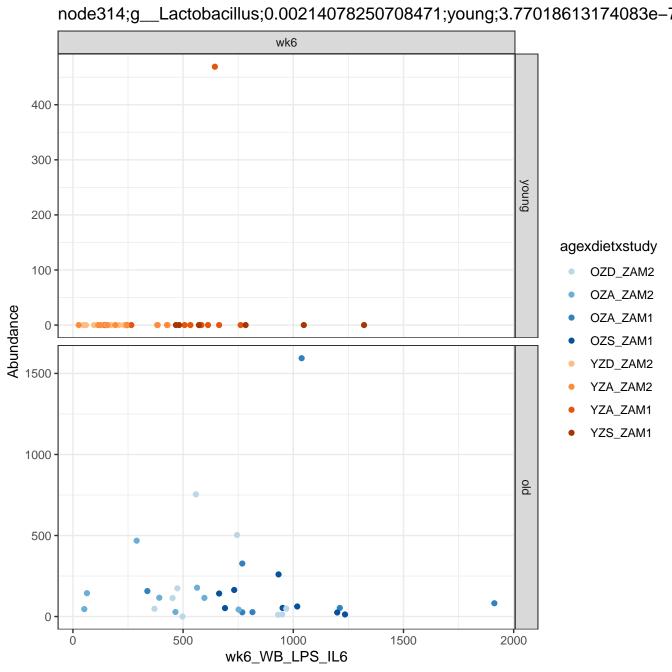
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node240;f__Lachnospiraceae;0.00225451288557595;young;3.019736952902916 wk6 40 20 agexdietxstudy OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 -OZS_ZAM1 YZD_ZAM2 YZA_ZAM2 150 YZA_ZAM1 YZS_ZAM1 100 임 50 0 500 1500 1000 2000 wk6_WB_LPS_IL6

node182;f__Lachnospiraceae;0.00218311216144501;young;0.00452226341646 wk6 4000 3000 -2000 agexdietxstudy 1000 OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 OZS_ZAM1 5000 -YZD_ZAM2 YZA_ZAM2 YZA_ZAM1 4000 YZS_ZAM1 3000 2000 1000 -0 1500 500 1000 2000 wk6_WB_LPS_IL6

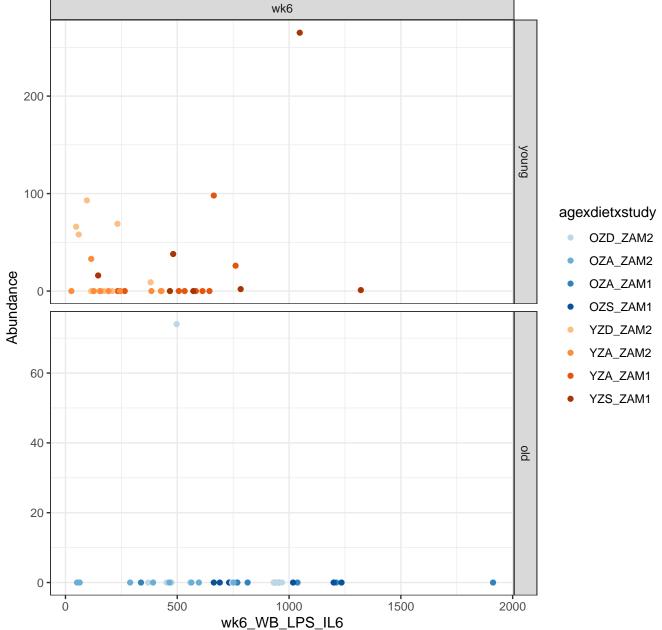
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node178;f__Lachnospiraceae;0.00209547730419566;young;0.00566659112415 wk6 4000 3000 -2000 agexdietxstudy 1000 OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 OZS_ZAM1 5000 -YZD_ZAM2 YZA_ZAM2 YZA_ZAM1 4000 YZS_ZAM1 3000 2000 1000 -0 500 1500 1000 2000 wk6_WB_LPS_IL6

wk6

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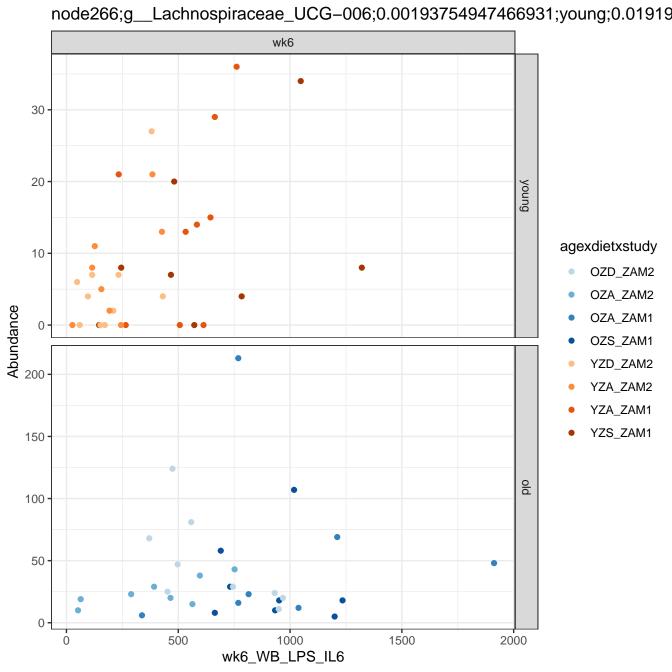
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node145;f__Lachnospiraceae;-0.00197734065628212;young;2.2478915783812 wk6 150 100 agexdietxstudy 50 OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 OZS_ZAM1 YZD_ZAM2 YZA_ZAM2 600 YZA_ZAM1 YZS_ZAM1 400 읝 200 0 1500 500 1000 2000 0 wk6_WB_LPS_IL6

node116;f__Ruminococcaceae;0.00197026698481553;old;0.000673393646851 wk6 300 200 agexdietxstudy 100 -OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 OZS_ZAM1 YZD_ZAM2 2000 YZA_ZAM2 YZA_ZAM1 YZS_ZAM1 1500 -임 1000 500 0 1500 500 1000 2000 wk6_WB_LPS_IL6

node115;f__Ruminococcaceae;0.00194579551343822;old;0.000792554393736 wk6 300 -200 agexdietxstudy 100 -OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 OZS_ZAM1 YZD_ZAM2 2000 YZA_ZAM2 YZA_ZAM1 YZS_ZAM1 1500 -임 1000 500 1500 500 1000 2000 wk6_WB_LPS_IL6

node265;f__Lachnospiraceae;0.00193754947466931;young;0.019190025165060 wk6 30 20 agexdietxstudy 10 OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 -OZS_ZAM1 YZD_ZAM2 YZA_ZAM2 YZA_ZAM1 YZS_ZAM1 150 임 100 50 0 500 1500 1000 2000 0 wk6_WB_LPS_IL6



node296;g__Ruminococcaceae_UCG-014;-0.00192337104690649;young;0.000 wk6 25 20 15 10 agexdietxstudy 5 OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 OZS_ZAM1 100 YZD_ZAM2 YZA_ZAM2 YZA_ZAM1 75 YZS_ZAM1 50 임 25 0 1500 500 1000 2000 0 wk6_WB_LPS_IL6

node297;g__Ruminococcaceae_UCG-014;-0.00192337104690649;young;0.000 wk6 25 20 15 · 10 agexdietxstudy 5 OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 OZS_ZAM1 100 YZD_ZAM2 YZA_ZAM2 YZA_ZAM1 75 YZS_ZAM1 50 임 25 0 500 1500 1000 2000 0 wk6_WB_LPS_IL6

node298;g__Ruminococcaceae_UCG-014;-0.00192337104690649;young;0.000 wk6 25 20 15 10 agexdietxstudy 5 OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 OZS_ZAM1 100 YZD_ZAM2 YZA_ZAM2 YZA_ZAM1 75 YZS_ZAM1 50 임 25 0 500 1500 1000 2000 0 wk6_WB_LPS_IL6

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node173;f__Lachnospiraceae;-0.00184592429570495;young;4.7965970869338 wk6 400 200 agexdietxstudy OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 -OZS_ZAM1 YZD_ZAM2 800 -YZA_ZAM2 YZA_ZAM1 600 YZS_ZAM1 임 400 200 0 1500 500 1000 2000 0 wk6_WB_LPS_IL6

node174;g__Lachnospiraceae_NK4A136_group;-0.00184592429570495;young; wk6 400 200 agexdietxstudy OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 -OZS_ZAM1 YZD_ZAM2 800 -YZA_ZAM2 YZA_ZAM1 600 YZS_ZAM1 임 400 200 0 1500 500 1000 2000 0 wk6_WB_LPS_IL6

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node223;f__Lachnospiraceae;0.00180090302106802;young;0 wk6 3000 2000 agexdietxstudy 1000 OZD_ZAM2 OZA_ZAM2 Abundance OZA_ZAM1 0 OZS_ZAM1 2000 -YZD_ZAM2 YZA_ZAM2 YZA_ZAM1 1500 -YZS_ZAM1 1000 -500 0 1500 500 1000 2000 wk6_WB_LPS_IL6