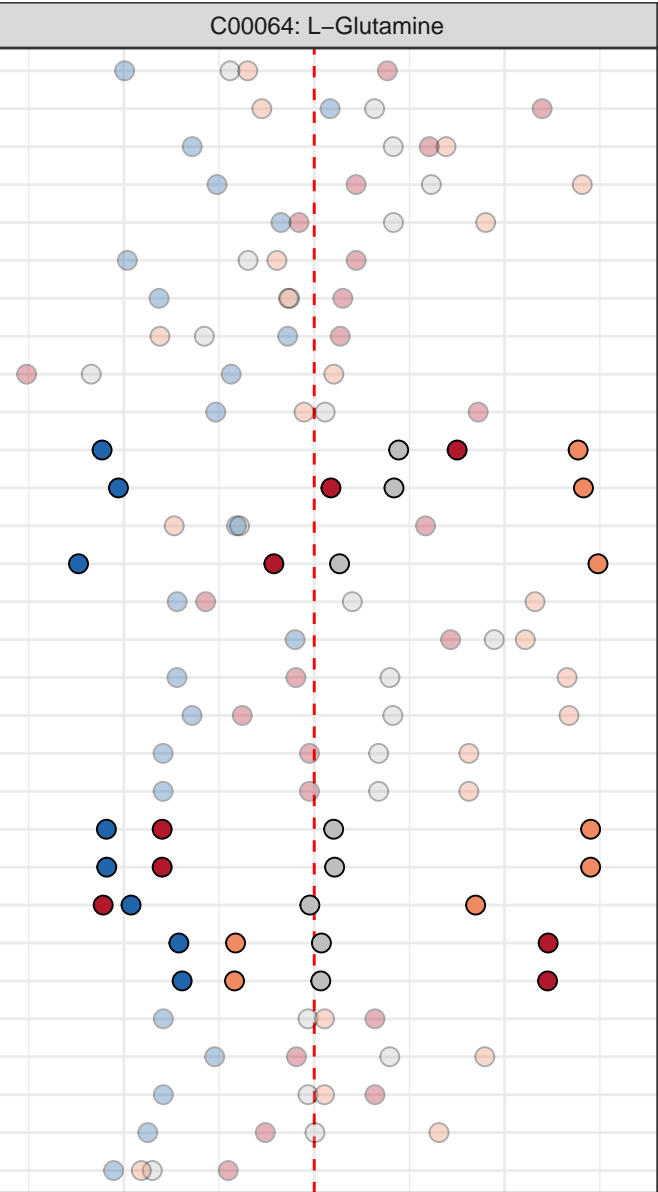
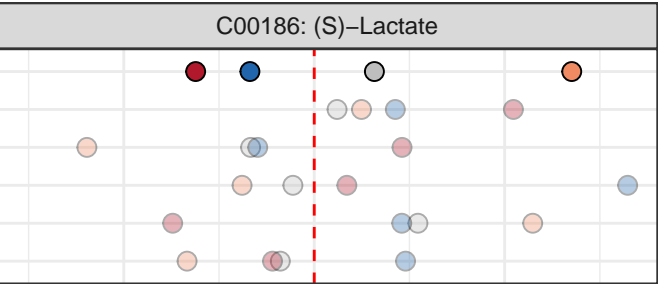


K00835: valine--pyruvate aminotransferase  
K01775: alanine racemase  
K01872: alanyl-tRNA synthetase  
K01924: UDP-N-acetylmuramate--alanine ligase  
K03430: 2-aminoethylphosphonate-pyruvate transaminase  
K04487: cysteine desulfurase  
K11717: cysteine desulfurase / selenocysteine lyase



K00265: glutamate synthase (NADPH) large chain  
K00266: glutamate synthase (NADPH) small chain  
K00764: amidophosphoribosyltransferase  
K00820: glutamine---fructose-6-phosphate transaminase (isomerizing)  
K01425: glutaminase  
K01657: anthranilate synthase component I  
K01658: anthranilate synthase component II  
K01664: para-aminobenzoate synthetase component II  
K01665: para-aminobenzoate synthetase component I  
K01886: glutaminyl-tRNA synthetase  
K01915: glutamine synthetase  
K01937: CTP synthase  
K01950: NAD+ synthase (glutamine-hydrolysing)  
K01951: GMP synthase (glutamine-hydrolysing)  
K01952: phosphoribosylformylglycinamidine synthase  
K01953: asparagine synthase (glutamine-hydrolysing)  
K01955: carbamoyl-phosphate synthase large subunit  
K01956: carbamoyl-phosphate synthase small subunit  
K02224: cobyric acid a,c-diamide synthase  
K02232: adenosylcobyric acid synthase  
K02433: aspartyl-tRNA(Asn)/glutamyl-tRNA(Gln) amidotransferase subunit A  
K02434: aspartyl-tRNA(Asn)/glutamyl-tRNA(Gln) amidotransferase subunit B  
K02435: aspartyl-tRNA(Asn)/glutamyl-tRNA(Gln) amidotransferase subunit C  
K02500: imidazole glycerol-phosphate synthase subunit HisF  
K02501: imidazole glycerol-phosphate synthase subunit HisH  
K06215: pyridoxal 5'-phosphate synthase pdxS subunit  
K07009: lipid II isoglutaminyl synthase (glutamine-hydrolysing)  
K08681: pyridoxal 5'-phosphate synthase pdxT subunit  
K08969: L-glutamine---4-(methylsulfanyl)-2-oxobutanoate aminotransferase  
K13497: anthranilate synthase/phosphoribosyltransferase



K00016: L-lactate dehydrogenase  
K01026: propionate CoA-transferase  
K07248: lactaldehyde dehydrogenase / glyceraldehyde dehydrogenase  
K10530: L-lactate oxidase  
K22212: malolactic enzyme  
K22373: lactate racemase

Treatment

- Young yFMT
- Aged oFMT
- Aged yFMT
- All

Disjointed association  
 $p < 0.05$

- FALSE
- TRUE

Pearson's rho