***Supplementary Table S6.*** Effect of treatment on the relative abundance of TRFs in feces. Least square means ± s.e.m.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Pectin-rich |  | Arabinoxylan-rich |  |  |
| TRF | CFO | SBP |  | WB | GM | s.e.m | P-value |
| 63 | 0.57 | 0.72 |  | 1.33 | 0.01 | 0.537 | 0.337 |
| 81 | 0.63 | 0.22 |  | 0.16 | 0.23 | 0.214 | 0.466 |
| 91 | 2.06 | 2.11 |  | 2.31 | 2.04 | 0.269 | 0.848 |
| 160 | 2.23 | 0.39 |  | 0.01 | 1.07 | 0.455 | 0.019 |
| 168 | 1.15 | 0.38 |  | 0.01 | 0.01 | 0.264 | 0.028 |
| 170 | 2.27 | 0.01 |  | 0.01 | 0.01 | 0.565 | 0.014 |
| 180 | . | 0.29 |  | 0.71 | 0.23 | 0.305 | 0.415 |
| 181 | 0.01 | 0.25 |  | 0.01 | 0.41 | 0.182 | 0.362 |
| 186 | 0.56 | 0.63 |  | 0.01 | 0.63 | 0.590 | 0.393 |
| 191 | 0.01 | 0.01 |  | 1.39 | 0.98 | 0.880 | 0.259 |
| 199 | 5.68 | 2.03 |  | 1.25 | 3.56 | 0.883 | 0.015 |
| 203 | 0.01 | 1.53 |  | 2.43 | 0.53 | 0.880 | 0.259 |
| 206 | 0.01 | 0.01 |  | 0.98 | 2.23 | 0.884 | 0.230 |
| 208 | 0.01 | 0.33 |  | 2.17 | 0.39 | 0.730 | 0.184 |
| 209 | 0.01 | 0.01 |  | 0.81 | 1.00 | 0.461 | 0.311 |
| 210 | 0.01 | 0.01 |  | 4.97 | 1.11 | 1.621 | 0.116 |
| 213 | . | 0.52 |  | 1.96 | 0.01 | 0.455 | 0.013 |
| 220 | 0.01 | 0.01 |  | 0.01 | 1.44 | 0.535 | 0.177 |
| 221 | 0.24 | 1.11 |  | 0.73 | 0.01 | 0.530 | 0.454 |
| 222 | 0.01 | 0.69 |  | 0.01 | 0.33 | 0.302 | 0.353 |
| 223 | 0.65 | 0.58 |  | 0.65 | 0.62 | 0.381 | 0.998 |
| 235 | 0.01 | 0.27 |  | 0.49 | 0.43 | 0.255 | 0.586 |
| 237 | 0.01 | 0.21 |  | 0.23 | 0.01 | 0.156 | 0.614 |
| 238 | 0.54 | 0.17 |  | 0.01 | 0.25 | 0.211 | 0.403 |
| 239 | 0.45 | 0.01 |  | 0.01 | 0.19 | 0.154 | 0.196 |
| 245 | 3.65 | 7.48 |  | 3.76 | 0.81 | 2.865 | 0.440 |
| 248 | 1.92 | 0.39 |  | 0.35 | 0.01 | 0.633 | 0.209 |
| 254 | 0.90 | 1.09 |  | 1.28 | 0.38 | 0.668 | 0.784 |
| 256 | 1.86 | 2.70 |  | 3.02 | 0.87 | 0.910 | 0.334 |
| 257 | 0.01 | 1.18 |  | 1.13 | 0.84 | 0.600 | 0.536 |
| 258 | 1.67 | 1.79 |  | 3.80 | 2.84 | 1.130 | 0.496 |
| 259 | . | 0.63 |  | 1.15 | 1.19 | 0.614 | 0.502 |
| 260 | 0.02 | 0.53 |  | 2.03 | 2.93 | 1.309 | 0.070 |
| 261 | 18.2 | 4.43 |  | 1.58 | 4.68 | 2.779 | 0.035 |
| 262 | 7.50 | 4.89 |  | 0.73 | 0.33 | 2.255 | 0.119 |
| 263 | 8.33 | 9.46 |  | 11.13 | 18.87 | 4.500 | 0.361 |
| 264 | 8.23 | 9.43 |  | 4.97 | 10.43 | 3.517 | 0.518 |
| 271 | 4.07 | 3.49 |  | 4.06 | 2.45 | 1.796 | 0.907 |
| 272 | 2.16 | 2.59 |  | 0.01 | 5.88 | 2.062 | 0.268 |
| 273 | 2.12 | 0.62 |  | 0.86 | 0.93 | 0.813 | 0.576 |
| 274 | 1.23 | 0.37 |  | 0.30 | 0.74 | 0.430 | 0.448 |
| 275 | . | 7.29 |  | 12.9 | 6.49 | 2.840 | 0.028 |
| 279 | 0.01 | 0.01 |  | 0.84 | 0.86 | 0.525 | 0.482 |
| 280 | 0.62 | 0.82 |  | 0.48 | 0.01 | 0.520 | 0.705 |
| 288 | 0.84 | 0.48 |  | 0.86 | 0.01 | 0.377 | 0.365 |
| 289 | 0.01 | 1.82 |  | 0.82 | 0.85 | 0.622 | 0.341 |
| 298 | 0.01 | 0.01 |  | 0.24 | 0.01 | 0.121 | 0.440 |
| 300 | 0.01 | 0.91 |  | 0.89 | 0.29 | 0.402 | 0.337 |
| 302 | 0.54 | 0.01 |  | 0.75 | 1.27 | 0.699 | 0.637 |
| 304 | 0.83 | 0.97 |  | 0.01 | 0.38 | 0.399 | 0.503 |
| 305 | 0.99 | 0.01 |  | 0.01 | 0.01 | 0.198 | 0.008 |
| 313 | 0.01 | 0.87 |  | 0.50 | 0.27 | 0.497 | 0.669 |
| 316 | 1.37 | 0.71 |  | 0.90 | 0.52 | 0.483 | 0.663 |
| 319 | 0.01 | 1.50 |  | 3.69 | 1.64 | 0.835 | 0.013 |
| 324 | 0.42 | 0.86 |  | 0.71 | 0.01 | 0.423 | 0.506 |
| 330 | 0.01 | 0.01 |  | 1.07 | 0.01 | 0.376 | 0.145 |
| 331 | 1.72 | 0.01 |  | 0.79 | 0.01 | 0.505 | 0.098 |
| 408 | 1.83 | 0.45 |  | 0.01 | 0.24 | 0.387 | 0.022 |
| 409 | 0.01 | 0.19 |  | 0.01 | 0.01 | 0.098 | 0.440 |
| 411 | 2.69 | 0.99 |  | 0.01 | 0.35 | 0.525 | 0.013 |
| 412 | 4.61 | 2.52 |  | 0.69 | 2.36 | 0.834 | 0.037 |
| 414 | 1.03 | 1.44 |  | 0.85 | 0.54 | 0.516 | 0.295 |