

SUPPLEMENTAL TABLE 3 Total concentrations and proportions of amino acids and NH₄ in portal plasma of rats fed WGB, malt and BSG diets for 12 d and the same diets supplemented with *Lactobacillus rhamnosus*¹

	WGB		Malt		BSG		2-way Anova P-values		
	-Lr ²	+Lr	-Lr	+Lr	-Lr	+Lr	Fiber	Lr	Fiber×Lr
Serine, %	6.3 ± 0.2	5.9 ± 0.2	6.2 ± 0.2	6.0 ± 0.2	7.0 ± 0.2	6.5 ± 0.3	0.008 ³	NS ⁴	NS
Glutamic acid, %	2.7 ± 0.2	2.8 ± 0.1	2.6 ± 0.2	3.0 ± 0.3	2.5 ± 0.2	2.9 ± 0.1	NS	0.037	NS
Glutamine, %	14.0 ± 0.4	11.8 ± 0.3	11.6 ± 0.3	11.4 ± 0.6	12.5 ± 0.7	13.0 ± 0.7	0.030 ⁵	NS	NS
Tyrosine, %	1.6 ± 0.1	1.6 ± 0.1	1.5 ± 0.0	1.6 ± 0.1	1.3 ± 0.1	1.6 ± 0.1	NS	0.038	NS
Histidine, %	1.9 ± 0.2 ^b	2.3 ± 0.2 ^{ab}	2.3 ± 0.1 ^{ab}	2.3 ± 0.1 ^{ab}	2.6 ± 0.1 ^a	2.1 ± 0.2 ^b	NS	NS	0.024
NH ₄ , %	8.2 ± 0.3	10.7 ± 0.8	11.4 ± 0.9	12.5 ± 0.5	8.1 ± 0.2	10.1 ± 1.1	0.001 ⁶	0.004	NS
Total, mmol/L	5.0 ± 0.5	5.6 ± 0.6	4.8 ± 0.5	4.3 ± 0.4	5.5 ± 0.6	5.4 ± 0.7	NS	NS	NS

¹Values are means ± SEM, n = 7-5. Means in a row without a common letter differ, P<0.05

²Lr, *Lactobacillus rhamnosus* 271

³Values for groups fed malt were significantly lower than those fed BSG

⁴NS, not significant, P≥0.05

⁵Values for groups fed malt were significantly lower than those fed WGB and BSG

⁶Values for groups fed malt were significantly higher than those fed WGB and BSG