

Supplementary Table 1. Details of the primer sequences used for quantitative real-time PCR analysis

Group	Sequence (5' to 3')	Reference
Eubacteria (all bacteria)	ACTCCTACGGGAGGCAGCAGT	Barman 2008
	ATTACCGCGGCTGCTGGC	
<i>Lactobacillus / Lactococcus</i>	AGCAGTAGGGAATCTTCCA	Barman 2008
	CACCGCTACACATGGAG	
<i>Bacteroides</i>	GGTTCTGAGAGGGAGGTCCC	Barman 2008
	GCTGCCCTCCCGTAGGAGT	
Segmented filamentous bacteria	GACGCTGAGGCATGAGAGCAT	Barman 2008
	GACGGCACGGATTGTTATTCA	
<i>Enterobacteriaceae</i>	GTGCCAGCMGCCGCGTAA	Barman 2008
	GCCTCAAGGGCACAACCTCCAAG	
<i>Clostridium perfringens</i>	CGCATAACGTTGAAAGATGG	Barman 2008
	CCTTGGTAGGCCGTTACCC	
<i>Bifidobacterium</i>	TCGCGTCYGGTGTGAAAG	Bindels 2012
	CCACATCCAGCRTCCAC	
<i>Bacteroides – Prevotella</i>	GAGAGGAAGGTCCCCAC	Bindels 2012
	CGCTACTGGCTGGTCAG	

References

- BARMAN, M., UNOLD, D., SHIFLEY, K., AMIR, E., HUNG, K., BOS, N. & SALZMAN, N. 2008. Enteric Salmonellosis Disrupts the Microbial Ecology of the Murine Gastrointestinal Tract. *Infect. Immun.*, 76, 907-915.
- BINDELS, L. B., BECK, R., SCHAKMAN, O., MARTIN, J. C., DE BACKER, F., SOHET, F. M., DEWULF, E. M., PACHIKIAN, B. D., NEYRINCK, A. M., THISSEN, J.-P., VERRAX, J., CALDERON, P. B., POT, B., GRANGETTE, C., CANI, P. D., SCOTT, K. P. & DELZENNE, N. M. 2012. Restoring Specific Lactobacilli Levels Decreases Inflammation and Muscle Atrophy Markers in an Acute Leukemia Mouse Model. *PLoS ONE*, 7, e37971.