

Supplementary: Effects of Dietary Intake of Japanese Mushrooms on Visceral Fat Accumulation and Gut Microbiota in Mice.

Takamitsu Shimizu^{1*}, Koichiro Mori¹, Kenji Ouchi¹, Mamoru Kushida² and Tsuyoshi Tsuduki²

Supplementary table legends

Table S1. The relative abundance of gut bacterial phyla in mice.

Table S2. The relative abundance of gut bacterial genera in mice.

Table S1 The relative abundance of gut bacterial phyla in mice.

Phylum	0 week		2 weeks				4 weeks			
		CO	HF	ML	MH	CO	HF	ML	MH	
Bacteroidetes	0.393	0.299	0.182	0.152	0.209	0.484	0.370	0.132	0.190	
Firmicutes	0.574	0.430	0.687	0.716	0.683	0.298	0.478	0.744	0.706	
Proteobacteria	0.0118	0.0129	0.0609	0.0682	0.0611	0.0301	0.115	0.0450	0.0427	
Actinobacteria	0.0131	0.257	0.0532	0.0488	0.0323	0.166	0.0211	0.0598	0.0570	
Deferribacteres	0.00686	0.000838	0.00847	0.0120	0.0140	0.00186	0.0130	0.0192	0.00404	
TM7	0.0000448	0	0	0	0	0	0	0	0	
Tenericutes	0.000896	0.000279	0	0	0	0.000432	0	0	0	
Verrucomicrobia	0	0.000124	0.00847	0.00300	0.000121	0.0203	0.00225	0.0000227	0.0000301	
Other	0.000672	0	0.0000599	0.0000527	0.000121	0	0.0000775	0.000114	0.000121	

Table S2 The relative abundance of gut bacterial genera in mice.

Genus	0 week		2 weeks				4 weeks			
		CO	HF	ML	MH	CO	HF	ML	MH	
<i>Bifidobacterium</i>	0.000179	0.248	0.0393	0.0374	0.0194	0.153	0.0159	0.0447	0.0382	
<i>Adlercreutzia</i>	0.0121	0.00276	0.0137	0.0106	0.0126	0.000919	0.00523	0.00800	0.0178	
<i>Bacteroides</i>	0.0300	0.0785	0.0621	0.0491	0.0669	0.0852	0.132	0.0448	0.0582	
<i>Prevotella</i>	0.0283	0.0405	0.0131	0.0113	0.00478	0.0977	0.0331	0.0134	0.00817	
<i>Mucispirillum</i>	0.00686	0.000838	0.00847	0.0120	0.0140	0.00186	0.0130	0.0193	0.00404	
<i>Lactobacillus</i>	0.0196	0.109	0.00485	0.00300	0.00187	0.0746	0.000906	0.00202	0.0366	
<i>Lactococcus</i>	0	0.00552	0.0239	0.0209	0.0156	0.00157	0.00780	0.0190	0.04238	
<i>Streptococcus</i>	0.0000896	0.0000310	0.000239	0.000290	0.0000605	0.0000270	0.000129	0.000227	0.000271	
<i>Dorea</i>	0.0000896	0.000124	0.00168	0.000738	0.000272	0.0000270	0.00106	0.000977	0.000271	
<i>Roseburia</i>	0.000224	0.000155	0.00856	0.00195	0.000302	0.0000540	0.00168	0.00309	0.000422	
<i>Ruminococcus</i>	0.0126	0.00397	0.0245	0.0263	0.0304	0.00268	0.0106	0.0198	0.0267	
<i>Anaerotruncus</i>	0.00148	0.000714	0.00470	0.00237	0.00305	0.000946	0.00479	0.00200	0.00133	
<i>Oscillospira</i>	0.0345	0.0118	0.0587	0.0545	0.0408	0.0130	0.0558	0.0378	0.0269	
<i>Allobaculum</i>	0.0000896	0.0623	0.192	0.216	0.174	0.0372	0.0467	0.335	0.219	
<i>Sutterella</i>	0.00412	0.000403	0.000629	0.000580	0.00121	0.00268	0.000699	0.000182	0.00157	
<i>Escherichia</i>	0.000134	0.0000931	0.0000299	0.000290	0.000181	0.000297	0.000337	0.0000455	0.000151	
<i>Akkermansia</i>	0	0.000124	0.00847	0.00300	0.000121	0.0203	0.00225	0.0000227	0.0000301	