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## Supplementary information

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# Neonatal exposure to a wild-derived microbiome protects mice against diet-induced obesity

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**Supplementary Table 1 | Pathogen Profile of Wildling and Lab Mice.**

Pathogen	Wildlings	Lab mice	Microbiome modified (MM)-Lab mice
<i>Bacteria</i>			
<i>Citrobacter rodentium</i>	-	-	-
<i>Clostridium piliforme</i>	-	-	-
<i>Helicobacter bilis</i>	-	-	-
<i>Helicobacter ganmani</i>	+	+	-
<i>Helicobacter hepaticus</i>	+	+	-
<i>Helicobacter mastomyrinus</i>	-	+	-
<i>Helicobacter rodentium</i>	-	-	-
<i>Helicobacter spp.</i>	-	-	-
<i>Helicobacter typhlonius</i>	+	+	-
<i>Klebsiella oxytoca</i>	-	-	-
<i>Klebsiella pneumoniae</i>	-	-	-
<i>Pasteurella pneumotropica</i> biotype Jawetz	+	+	-
<i>Pasteurella pneumotropica</i> biotype Heyl	+	+	-
<i>Pseudomonas aeruginosa</i>	-	-	-
<i>Salmonella enterica</i>	-	-	-
<i>Helminth</i>			
<i>Spironucleus muris</i>	+	-	-
<i>Mites</i>			
<i>Myocoptes</i>	+	-	n.k.**
<i>Radfordia/Myobia</i>	+	-	n.k.**
<i>Myobia musculi</i>	+	-	n.k.**
<i>Pinworms</i>			
<i>Syphacia muris</i>	-	-	-
<i>Syphacia obvelata</i>	+	-	-
<i>Aspiculuris tetrapтера</i>	+	-	-
<i>Protozoa</i>			
<i>Chilomastix spp.</i>	+	-	+
<i>Entamoeba muris</i>	+	+	+
<i>Tritrichomonas muris</i>	+	-	-
<i>Viruses</i>			
Lymphocytic choriomeningitis virus (LCMV)	-	-	-
Mouse hepatitis virus (MHV) *	+	-	+
Mouse norovirus (MNV)	+	+	+
Mouse parvovirus (MPV)	-	-	-
Mouse rotavirus (EDIM)	-	-	-
Mouse theilovius (TMEV)	-	-	-

Pathogen testing was performed by IDEXX Laboratories (Westbrook, Maine).

More than 15 mice per group were tested. All data are PCR results, MHV is ELISA and PCR.

\* Wildlings and microbiome-modified lab mice tested PCR-negative and antibody-positive for MHV.

\*\* n.k., not known