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Context	Citation
Increases <i>Acetivibrio</i> - arabinogalactan (prebiotic)	 Diets high in resistant starch and arabinoxylan modulate digestion processes and SCFA pool size in the large intestine and faecal microbial composition in pigs. <i>The British journal of nutrition (Br J Nutr)</i> Vol: 112 Issue 11 Pages: 1837-49 Pub: 2014 Dec 14 Epub: 2014 Oct 20 <i>Authors</i> Nielsen TS , Lærke HN , Theil PK , Sørensen JF , Saarinen M , Forssten S , Knudsen KE , Summary Publication Publication
Increases <i>Acetivibrio</i> - arabinogalactan (prebiotic)	 Curated database of commensal, symbiotic and pathogenic microbiota <i>Generative Bioinformatics (Center of Excellence in Generative Medicine)</i> Vol: Issue Pages: Pub: 2014 Jun Epub: <i>Authors</i> D'Adamo Peter , Summary
Increases <i>Acetobacterium</i> - arabinogalactan (prebiotic)	 Diets high in resistant starch and arabinoxylan modulate digestion processes and SCFA pool size in the large intestine and faecal microbial composition in pigs. <i>The British journal of nutrition (Br J Nutr)</i> Vol: 112 Issue 11 Pages: 1837-49 Pub: 2014 Dec 14 Epub: 2014 Oct 20 <i>Authors</i> Nielsen TS , Lærke HN , Theil PK , Sørensen JF , Saarinen M , Forssten S , Knudsen KE , Summary Publication Publication
Increases <i>Acetobacterium</i> - arabinogalactan (prebiotic)	 Prebiotic effects of arabinoxylan oligosaccharides on juvenile Siberian sturgeon (<i>Acipenser baerii</i>) with emphasis on the modulation of the gut microbiota using 454 pyrosequencing. <i>FEMS microbiology ecology (FEMS Microbiol Ecol)</i> Vol: 86 Issue 2 Pages: 357-71 Pub: 2013 Nov Epub: 2013 Jul 17 <i>Authors</i> Geraylou Z , Souffreau C , Rurangwa E , Maes GE , Spanier KI , Courtin CM , Delcour JA , Buyse J , Ollevier F , Summary Publication Publication

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Increases Anaerofilum - arabinogalactan (prebiotic)	<p> Diets high in resistant starch and arabinoxylan modulate digestion processes and SCFA pool size in the large intestine and faecal microbial composition in pigs. <i>The British journal of nutrition (Br J Nutr)</i> Vol: 112 Issue 11 Pages: 1837-49 Pub: 2014 Dec 14 Epub: 2014 Oct 20 <i>Authors</i> Nielsen TS , Lærke HN , Theil PK , Sørensen JF , Saarinen M , Forssten S , Knudsen KE , Summary Publication Publication</p>
Increases Anaerofilum - arabinogalactan (prebiotic)	<p> Curated database of commensal, symbiotic and pathogenic microbiota <i>Generative Bioinformatics (Center of Excellence in Generative Medicine)</i> Vol: Issue Pages: Pub: 2014 Jun Epub: <i>Authors</i> D'Adamo Peter , Summary</p>
Increases Bacillaceae - arabinogalactan (prebiotic)	<p> Prebiotic effects of arabinoxylan oligosaccharides on juvenile Siberian sturgeon (Acipenser baerii) with emphasis on the modulation of the gut microbiota using 454 pyrosequencing. <i>FEMS microbiology ecology (FEMS Microbiol Ecol)</i> Vol: 86 Issue 2 Pages: 357-71 Pub: 2013 Nov Epub: 2013 Jul 17 <i>Authors</i> Geraylou Z , Souffreau C , Rurangwa E , Maes GE , Spanier KI , Courtin CM , Delcour JA , Buyse J , Ollevier F , Summary Publication Publication</p>
Increases Blautia - arabinogalactan (prebiotic)	<p> Diets high in resistant starch and arabinoxylan modulate digestion processes and SCFA pool size in the large intestine and faecal microbial composition in pigs. <i>The British journal of nutrition (Br J Nutr)</i> Vol: 112 Issue 11 Pages: 1837-49 Pub: 2014 Dec 14 Epub: 2014 Oct 20 <i>Authors</i> Nielsen TS , Lærke HN , Theil PK , Sørensen JF , Saarinen M , Forssten S , Knudsen KE , Summary Publication Publication</p>
Increases Blautia - arabinogalactan (prebiotic)	<p> Arabinoxylans and inulin differentially modulate the mucosal and luminal gut microbiota and mucin-degradation in humanized rats. <i>Environmental microbiology (Environ Microbiol)</i> Vol: 13 Issue 10 Pages: 2667-80 Pub: 2011 Oct Epub: 2011 Aug 30 <i>Authors</i> Van den Abbeele P , Gérard P , Rabot S , Bruneau A , El Aidy S , Derrien M , Kleerebezem M , Zoetendal EG , Smidt H , Verstraete W , Van de Wiele T , Possemiers S , Summary Publication Publication</p>

Context	Citation
Increases <i>Blautia coccooides</i> - arabinogalactan (prebiotic)	 <u>Diets high in resistant starch and arabinoxylan modulate digestion processes and SCFA pool size in the large intestine and faecal microbial composition in pigs.</u> <i>The British journal of nutrition (Br J Nutr)</i> Vol: 112 Issue 11 Pages: 1837-49 Pub: 2014 Dec 14 Epub: 2014 Oct 20 <i>Authors</i> Nielsen TS , Lærke HN , Theil PK , Sørensen JF , Saarinen M , Forssten S , Knudsen KE , Summary Publication Publication
Increases <i>Blautia glucerasea</i> - arabinogalactan (prebiotic)	 <u>Diets high in resistant starch and arabinoxylan modulate digestion processes and SCFA pool size in the large intestine and faecal microbial composition in pigs.</u> <i>The British journal of nutrition (Br J Nutr)</i> Vol: 112 Issue 11 Pages: 1837-49 Pub: 2014 Dec 14 Epub: 2014 Oct 20 <i>Authors</i> Nielsen TS , Lærke HN , Theil PK , Sørensen JF , Saarinen M , Forssten S , Knudsen KE , Summary Publication Publication
Increases <i>Blautia hansenii</i> - arabinogalactan (prebiotic)	 <u>Diets high in resistant starch and arabinoxylan modulate digestion processes and SCFA pool size in the large intestine and faecal microbial composition in pigs.</u> <i>The British journal of nutrition (Br J Nutr)</i> Vol: 112 Issue 11 Pages: 1837-49 Pub: 2014 Dec 14 Epub: 2014 Oct 20 <i>Authors</i> Nielsen TS , Lærke HN , Theil PK , Sørensen JF , Saarinen M , Forssten S , Knudsen KE , Summary Publication Publication
Increases <i>Blautia producta</i> - arabinogalactan (prebiotic)	 <u>Diets high in resistant starch and arabinoxylan modulate digestion processes and SCFA pool size in the large intestine and faecal microbial composition in pigs.</u> <i>The British journal of nutrition (Br J Nutr)</i> Vol: 112 Issue 11 Pages: 1837-49 Pub: 2014 Dec 14 Epub: 2014 Oct 20 <i>Authors</i> Nielsen TS , Lærke HN , Theil PK , Sørensen JF , Saarinen M , Forssten S , Knudsen KE , Summary Publication Publication
Increases <i>Blautia schinkii</i> - arabinogalactan (prebiotic)	 <u>Diets high in resistant starch and arabinoxylan modulate digestion processes and SCFA pool size in the large intestine and faecal microbial composition in pigs.</u> <i>The British journal of nutrition (Br J Nutr)</i> Vol: 112 Issue 11 Pages: 1837-49 Pub: 2014 Dec 14 Epub: 2014 Oct 20 <i>Authors</i> Nielsen TS , Lærke HN , Theil PK , Sørensen JF , Saarinen M , Forssten S , Knudsen KE , Summary Publication Publication

Context	Citation
Increases Clostridiaceae - arabinogalactan (prebiotic)	<p> Prebiotic effects of arabinoxylan oligosaccharides on juvenile Siberian sturgeon (<i>Acipenser baerii</i>) with emphasis on the modulation of the gut microbiota using 454 pyrosequencing. <i>FEMS microbiology ecology (FEMS Microbiol Ecol)</i> Vol: 86 Issue 2 Pages: 357-71 Pub: 2013 Nov Epub: 2013 Jul 17 <i>Authors</i> Geraylou Z , Souffreau C , Rurangwa E , Maes GE , Spanier KI , Courtin CM , Delcour JA , Buyse J , Ollevier F , Summary Publication Publication</p>
Increases Clostridium - arabinogalactan (prebiotic)	<p> Prebiotic effects of arabinoxylan oligosaccharides on juvenile Siberian sturgeon (<i>Acipenser baerii</i>) with emphasis on the modulation of the gut microbiota using 454 pyrosequencing. <i>FEMS microbiology ecology (FEMS Microbiol Ecol)</i> Vol: 86 Issue 2 Pages: 357-71 Pub: 2013 Nov Epub: 2013 Jul 17 <i>Authors</i> Geraylou Z , Souffreau C , Rurangwa E , Maes GE , Spanier KI , Courtin CM , Delcour JA , Buyse J , Ollevier F , Summary Publication Publication</p>
Increases Hatheway - arabinogalactan (prebiotic)	<p> Prebiotic effects of arabinoxylan oligosaccharides on juvenile Siberian sturgeon (<i>Acipenser baerii</i>) with emphasis on the modulation of the gut microbiota using 454 pyrosequencing. <i>FEMS microbiology ecology (FEMS Microbiol Ecol)</i> Vol: 86 Issue 2 Pages: 357-71 Pub: 2013 Nov Epub: 2013 Jul 17 <i>Authors</i> Geraylou Z , Souffreau C , Rurangwa E , Maes GE , Spanier KI , Courtin CM , Delcour JA , Buyse J , Ollevier F , Summary Publication Publication</p>
Increases Johnsonella - arabinogalactan (prebiotic)	<p> Arabinoxylans and inulin differentially modulate the mucosal and luminal gut microbiota and mucin-degradation in humanized rats. <i>Environmental microbiology (Environ Microbiol)</i> Vol: 13 Issue 10 Pages: 2667-80 Pub: 2011 Oct Epub: 2011 Aug 30 <i>Authors</i> Van den Abbeele P , Gérard P , Rabot S , Bruneau A , El Aidy S , Derrien M , Kleerebezem M , Zoetendal EG , Smidt H , Verstraete W , Van de Wiele T , Possemiers S , Summary Publication Publication</p>

Context	Citation
Increases <i>Johnsonella</i> - arabinogalactan (prebiotic)	<p> <u>Diets high in resistant starch and arabinoxylan modulate digestion processes and SCFA pool size in the large intestine and faecal microbial composition in pigs.</u> <i>The British journal of nutrition (Br J Nutr)</i> Vol: 112 Issue 11 Pages: 1837-49 Pub: 2014 Dec 14 Epub: 2014 Oct 20 <i>Authors</i> Nielsen TS , Lærke HN , Theil PK , Sørensen JF , Saarinen M , Forssten S , Knudsen KE , Summary Publication Publication</p>
Increases <i>Lachnospira</i> - arabinogalactan (prebiotic)	<p> <u>Arabinoxylans and inulin differentially modulate the mucosal and luminal gut microbiota and mucin-degradation in humanized rats.</u> <i>Environmental microbiology (Environ Microbiol)</i> Vol: 13 Issue 10 Pages: 2667-80 Pub: 2011 Oct Epub: 2011 Aug 30 <i>Authors</i> Van den Abbeele P , Gérard P , Rabot S , Bruneau A , El Aidy S , Derrien M , Kleerebezem M , Zoetendal EG , Smidt H , Verstraete W , Van de Wiele T , Possemiers S , Summary Publication Publication</p>
Increases <i>Lachnospira</i> - arabinogalactan (prebiotic)	<p> <u>Diets high in resistant starch and arabinoxylan modulate digestion processes and SCFA pool size in the large intestine and faecal microbial composition in pigs.</u> <i>The British journal of nutrition (Br J Nutr)</i> Vol: 112 Issue 11 Pages: 1837-49 Pub: 2014 Dec 14 Epub: 2014 Oct 20 <i>Authors</i> Nielsen TS , Lærke HN , Theil PK , Sørensen JF , Saarinen M , Forssten S , Knudsen KE , Summary Publication Publication</p>
Increases <i>Phocaeicola sartorii</i> - arabinogalactan (prebiotic)	<p> <u>Prebiotic effects of wheat arabinoxylan related to the increase in bifidobacteria, Roseburia and Bacteroides/Prevotella in diet-induced obese mice.</u> <i>PloS one (PLoS One)</i> Vol: 6 Issue 6 Pages: e20944 Pub: 2011 Epub: 2011 Jun 9 <i>Authors</i> Neyrinck AM , Possemiers S , Druart C , Van de Wiele T , De Backer F , Cani PD , Larondelle Y , Delzenne NM , Summary Html Article Publication</p>
Increases <i>Phocaeicola sartorii</i> - arabinogalactan (prebiotic)	<p> <u>The role of short-chain fatty acids in microbiota-gut-brain communication.</u> <i>Nature reviews. Gastroenterology & hepatology (Nat Rev Gastroenterol Hepatol)</i> Vol: 16 Issue 8 Pages: 461-478 Pub: 2019 Aug Epub: <i>Authors</i> Dalile B , Van Oudenhove L , Vervliet B , Verbeke K , Summary Publication Publication</p>

Context	Citation
Increases <i>Phocaeicola sartorii</i> - arabinogalactan (prebiotic)	<p>🤖 In vitro digestion and fermentation properties of linear sugar-beet arabinan and its oligosaccharides. <i>Carbohydrate polymers (Carbohydr Polym)</i> Vol: 131 Issue Pages: 50-6 Pub: 2015 Oct 20 Epub: 2015 May 19 <i>Authors</i> Moon JS , Shin SY , Choi HS , Joo W , Cho SK , Li L , Kang JH , Kim TJ , Han NS , Summary Publication Publication</p>
Increases <i>Selenomonadaceae</i> - arabinogalactan (prebiotic)	<p>👥 Addition of arabinoxylan and mixed linkage glucans in porcine diets affects the large intestinal bacterial populations. <i>European journal of nutrition (Eur J Nutr)</i> Vol: 56 Issue 6 Pages: 2193-2206 Pub: 2017 Sep Epub: 2016 Jul 11 <i>Authors</i> Gorham JB , Kang S , Williams BA , Grant LJ , McSweeney CS , Gidley MJ , Mikkelsen D , Summary Publication Publication</p>
Increases <i>Tindallia</i> - arabinogalactan (prebiotic)	<p>🤖 Prebiotic effects of arabinoxylan oligosaccharides on juvenile Siberian sturgeon (<i>Acipenser baerii</i>) with emphasis on the modulation of the gut microbiota using 454 pyrosequencing. <i>FEMS microbiology ecology (FEMS Microbiol Ecol)</i> Vol: 86 Issue 2 Pages: 357-71 Pub: 2013 Nov Epub: 2013 Jul 17 <i>Authors</i> Geraylou Z , Souffreau C , Rurangwa E , Maes GE , Spanier KI , Courtin CM , Delcour JA , Buyse J , Ollevier F , Summary Publication Publication</p>

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