## Appendix 1 Clinical symptoms of CMPA children

<table>
<thead>
<tr>
<th></th>
<th>CMPA1</th>
<th>CMPA2</th>
<th>CMPA3</th>
<th>CMPA4</th>
<th>CMPA5</th>
<th>CMPA6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angioedema</td>
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<tr>
<td>Pruritus</td>
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</tr>
<tr>
<td>Eczema</td>
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<tr>
<td>Urticaria</td>
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<td>*</td>
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</tr>
<tr>
<td>Diarrhea</td>
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<td>*</td>
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<td>*</td>
</tr>
<tr>
<td>Vomiting</td>
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<tr>
<td>Stomachache</td>
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</tbody>
</table>

* indicates that the child has this clinical symptom.
Appendix 2. Spearman rank correlation between bacterial family and SCFAs and lactic acid