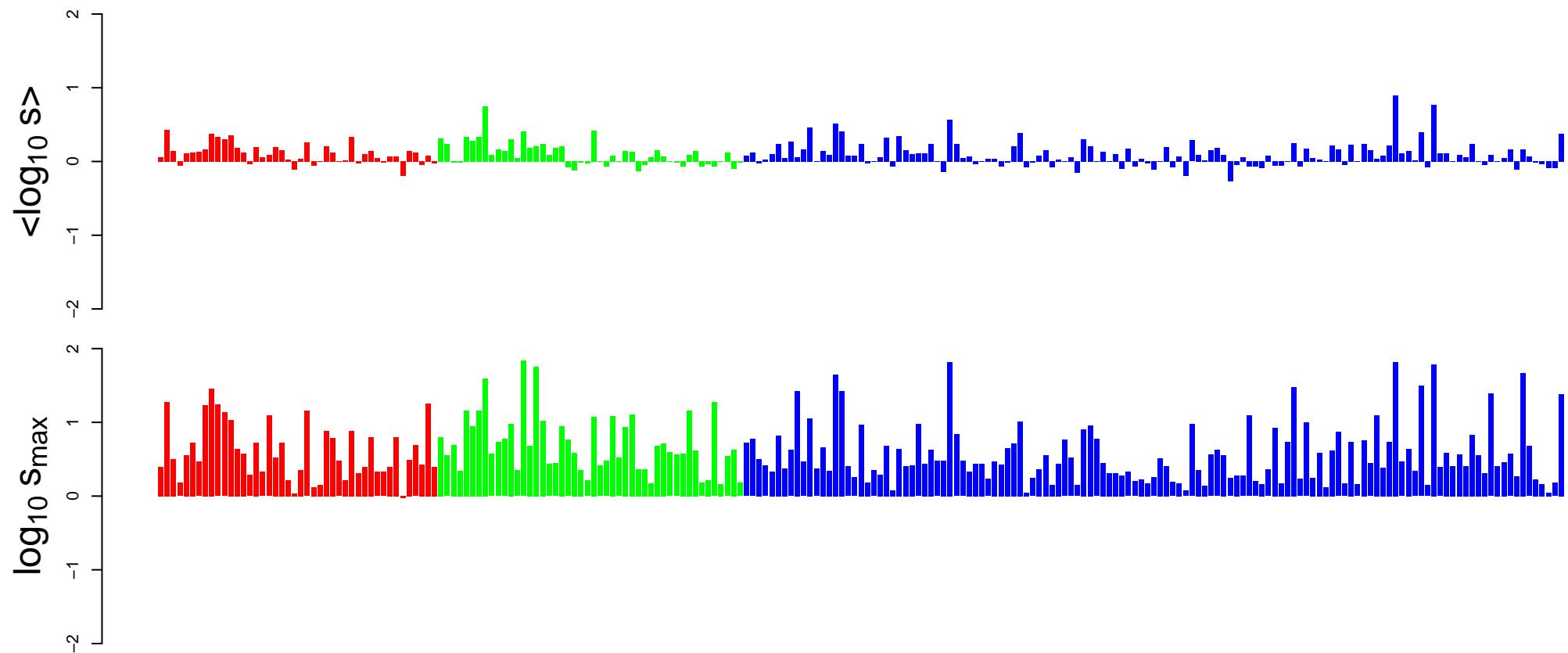
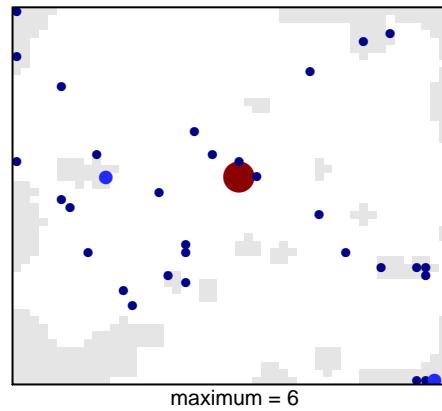
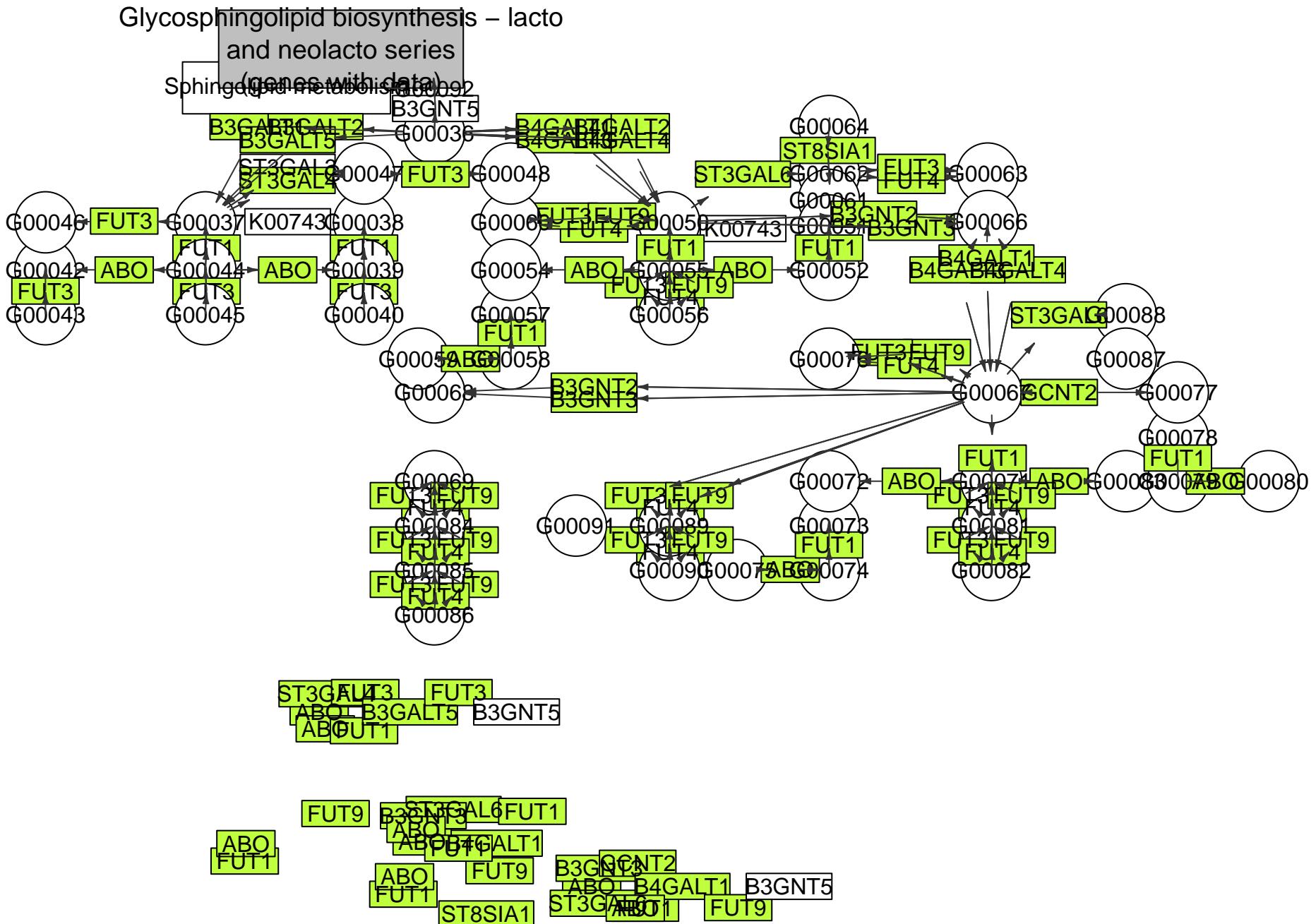


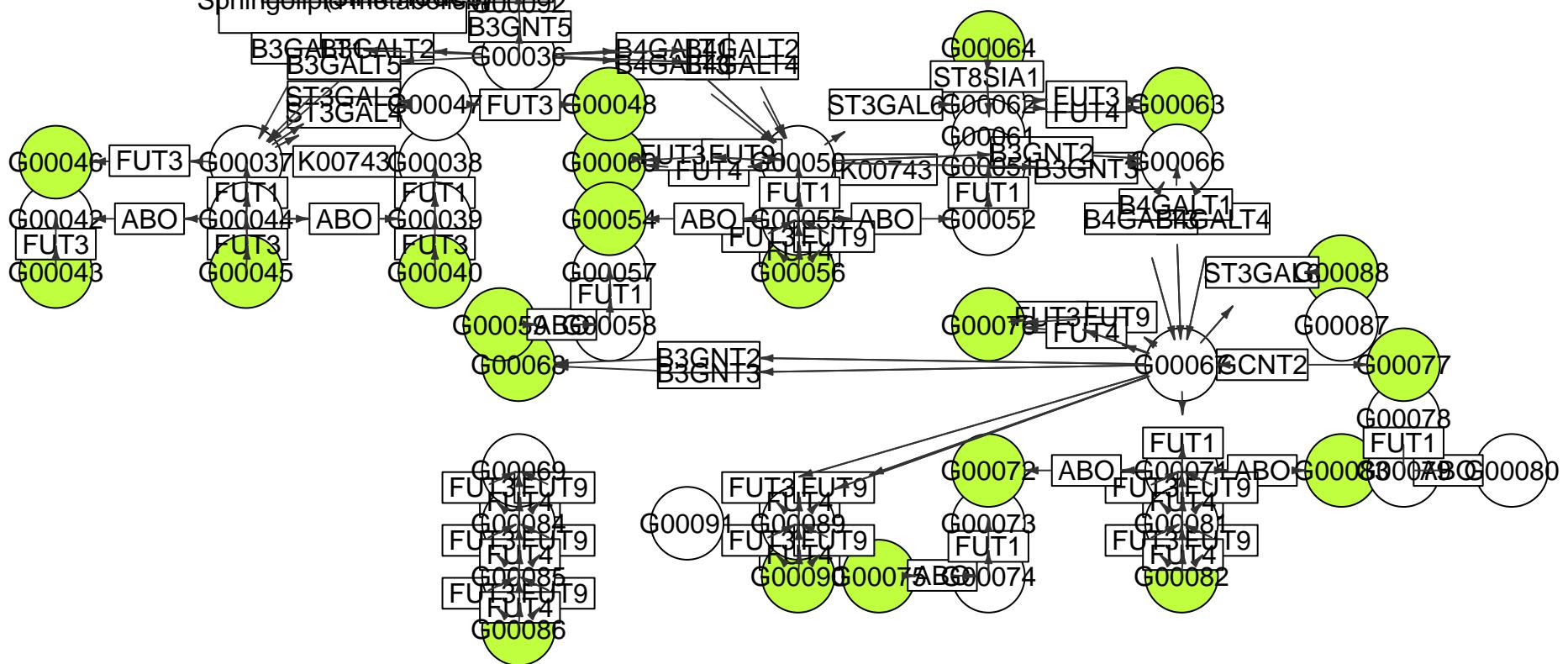
Glycosphingolipid biosynthesis – lac

all genes





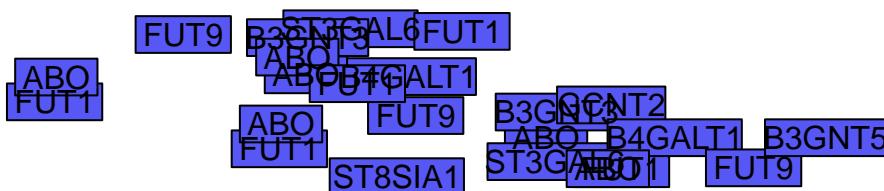
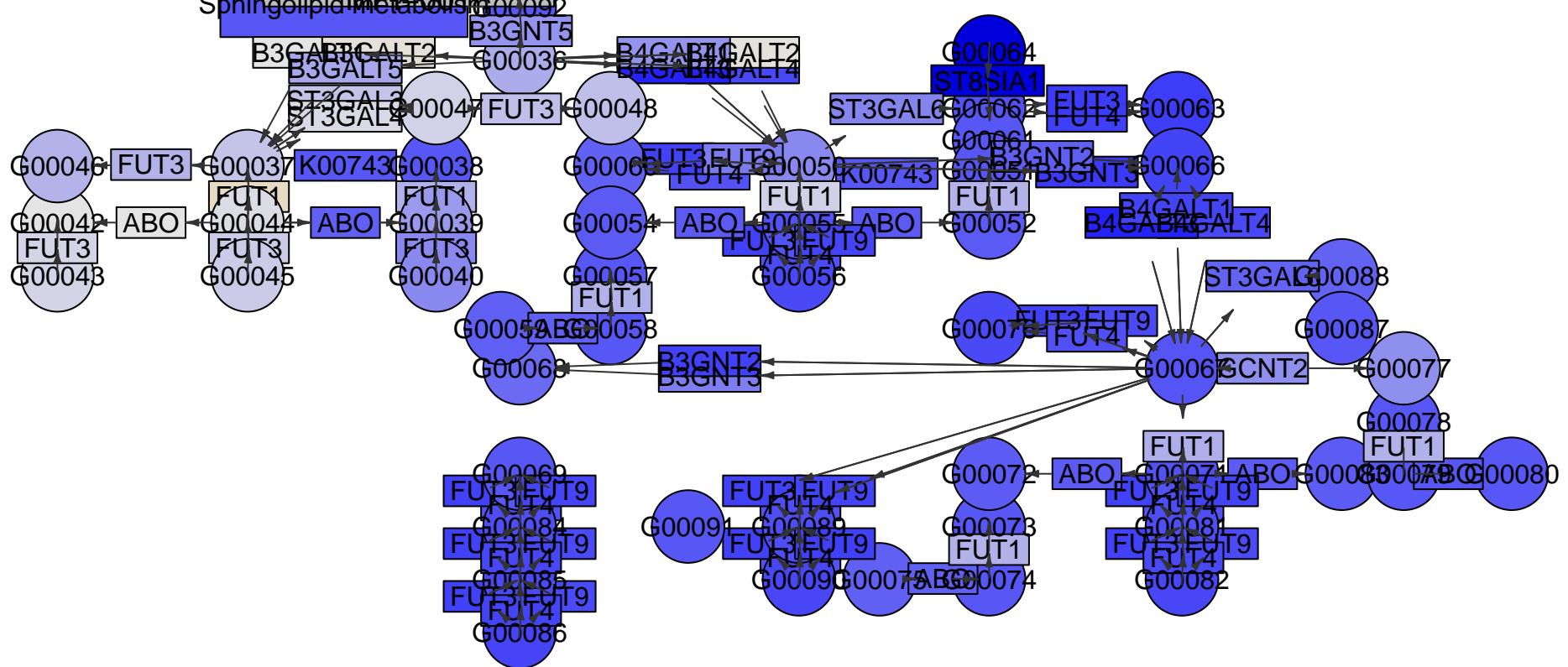
Glycosphingolipid biosynthesis – lacto and neolacto series



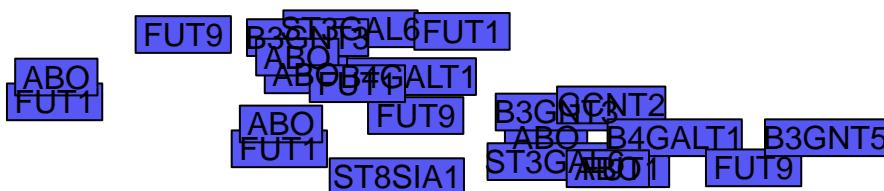
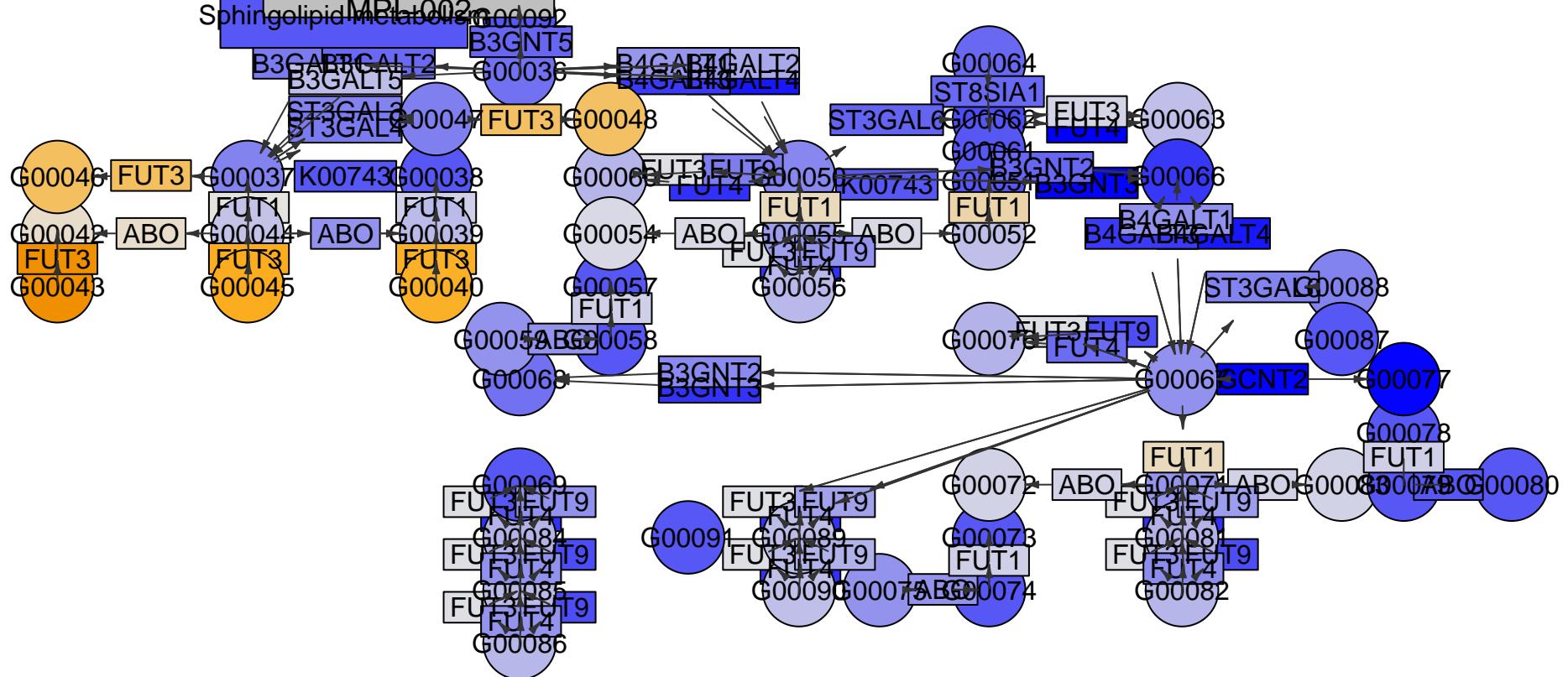
The diagram illustrates the ABO blood group system and its relationship to other glycan structures. It shows various genes and their products:

- ABO**: Represented by a box.
- FUT1**: Represented by a box.
- B3GAL6FUT1**: A complex structure involving **ABO**, **FUT1**, and **B3GALNT2**.
- B3GALNT2**: Represented by a box.
- B3GNT5**: Represented by a box.
- ABP14GALT1**: A complex structure involving **ABO**, **FUT1**, and **B3GNT5**.
- ST3GAL6**: Represented by a box.
- ST8SIA1**: Represented by a box.
- ABP1**: Represented by a box.
- B3GNT3**: Represented by a box.

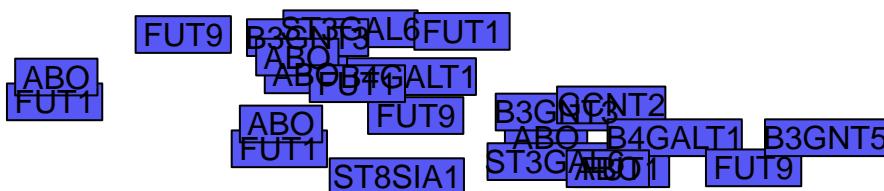
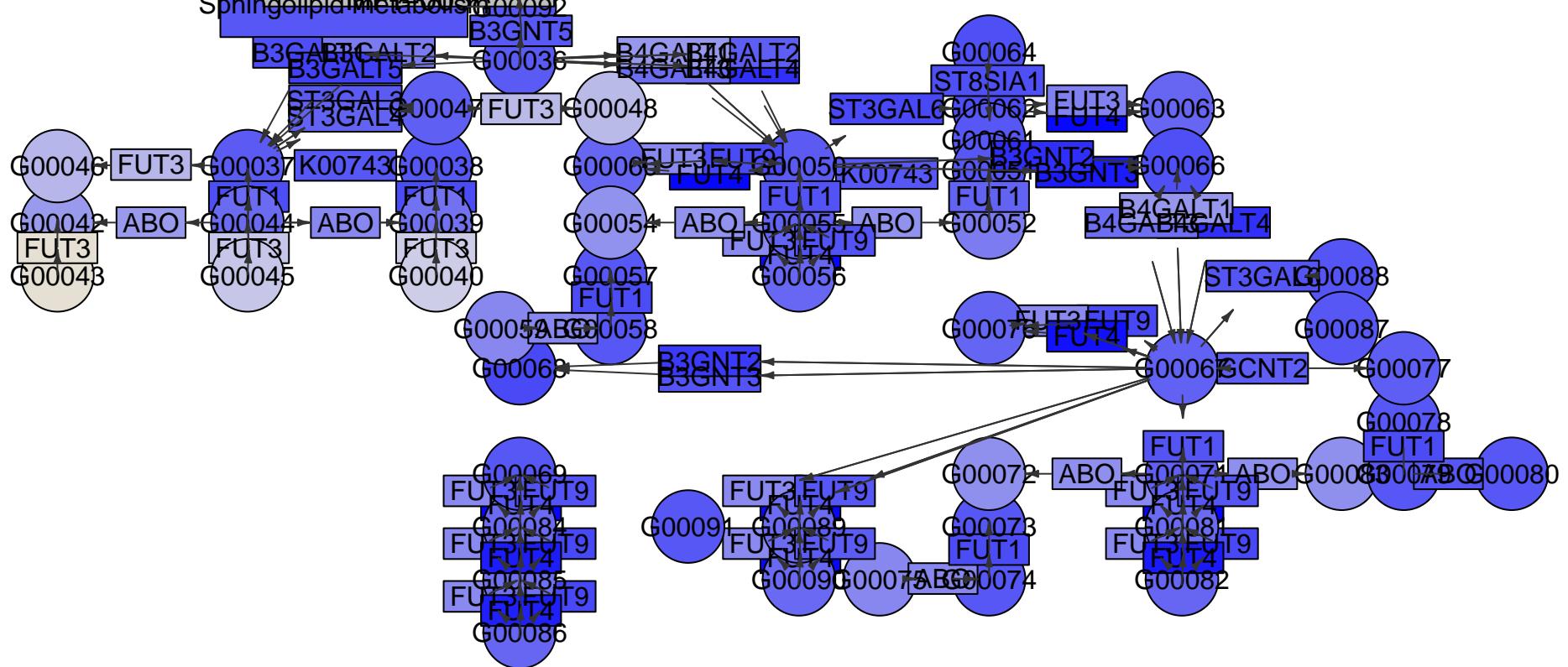
Glycosphingolipid biosynthesis – lacto and neolacto series



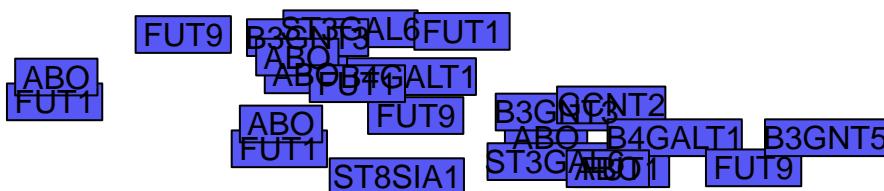
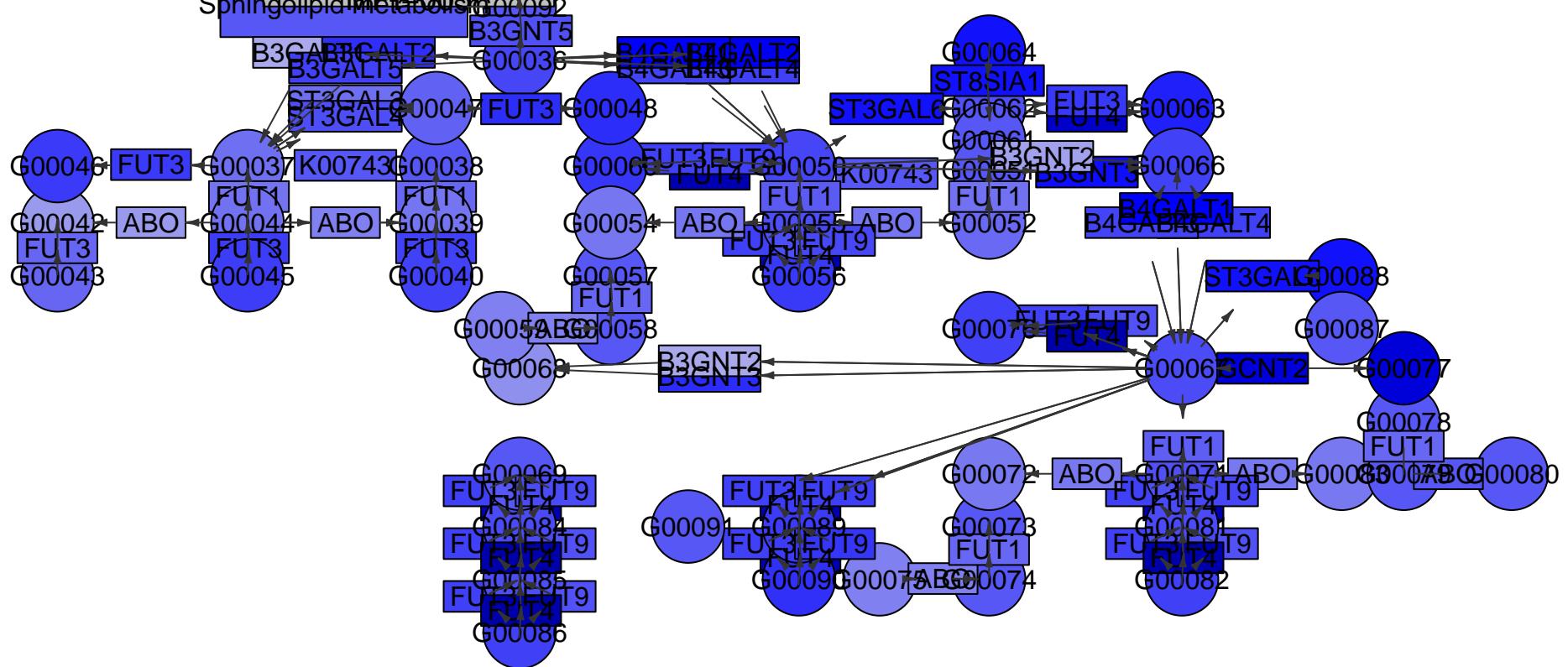
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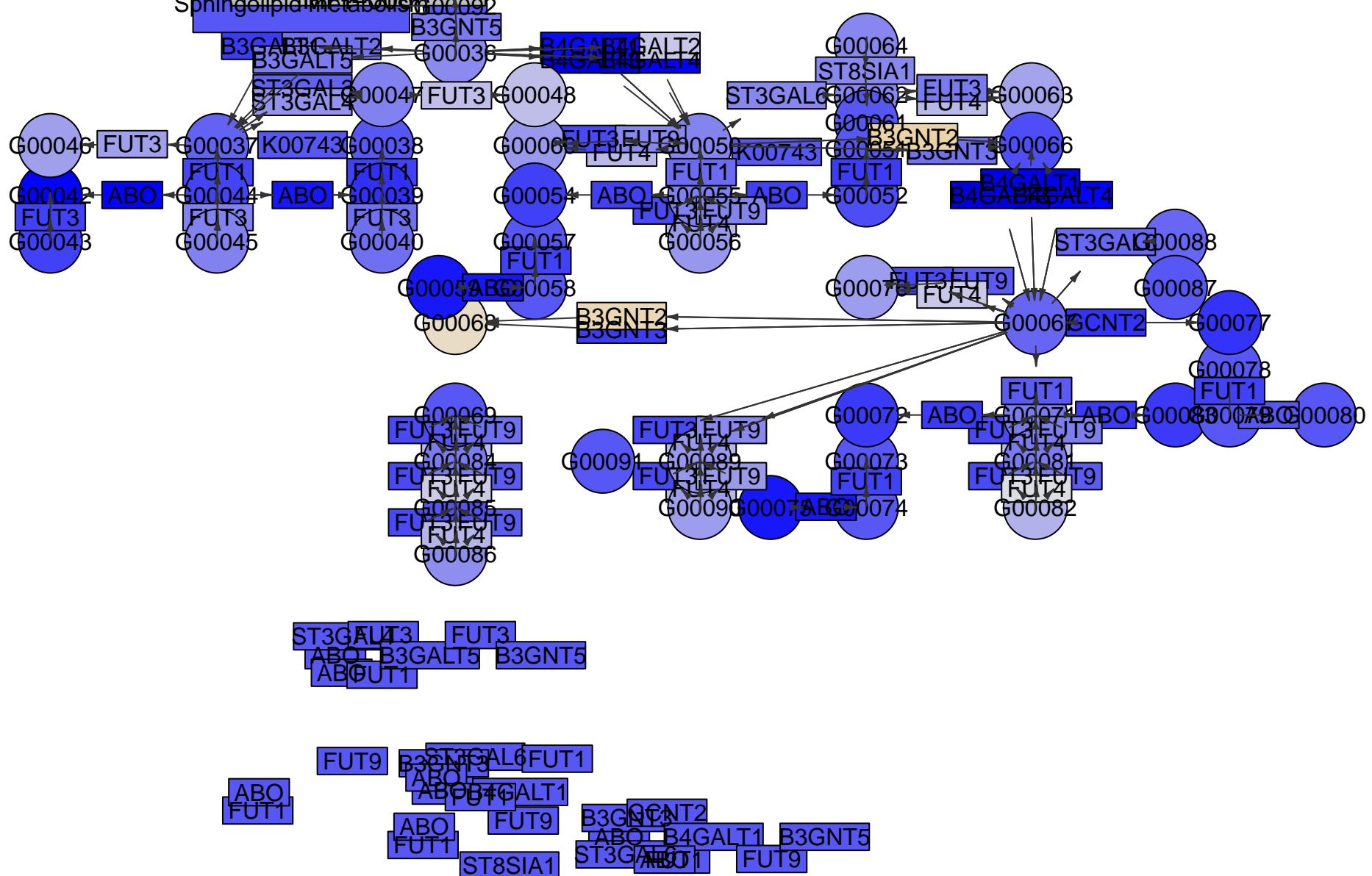
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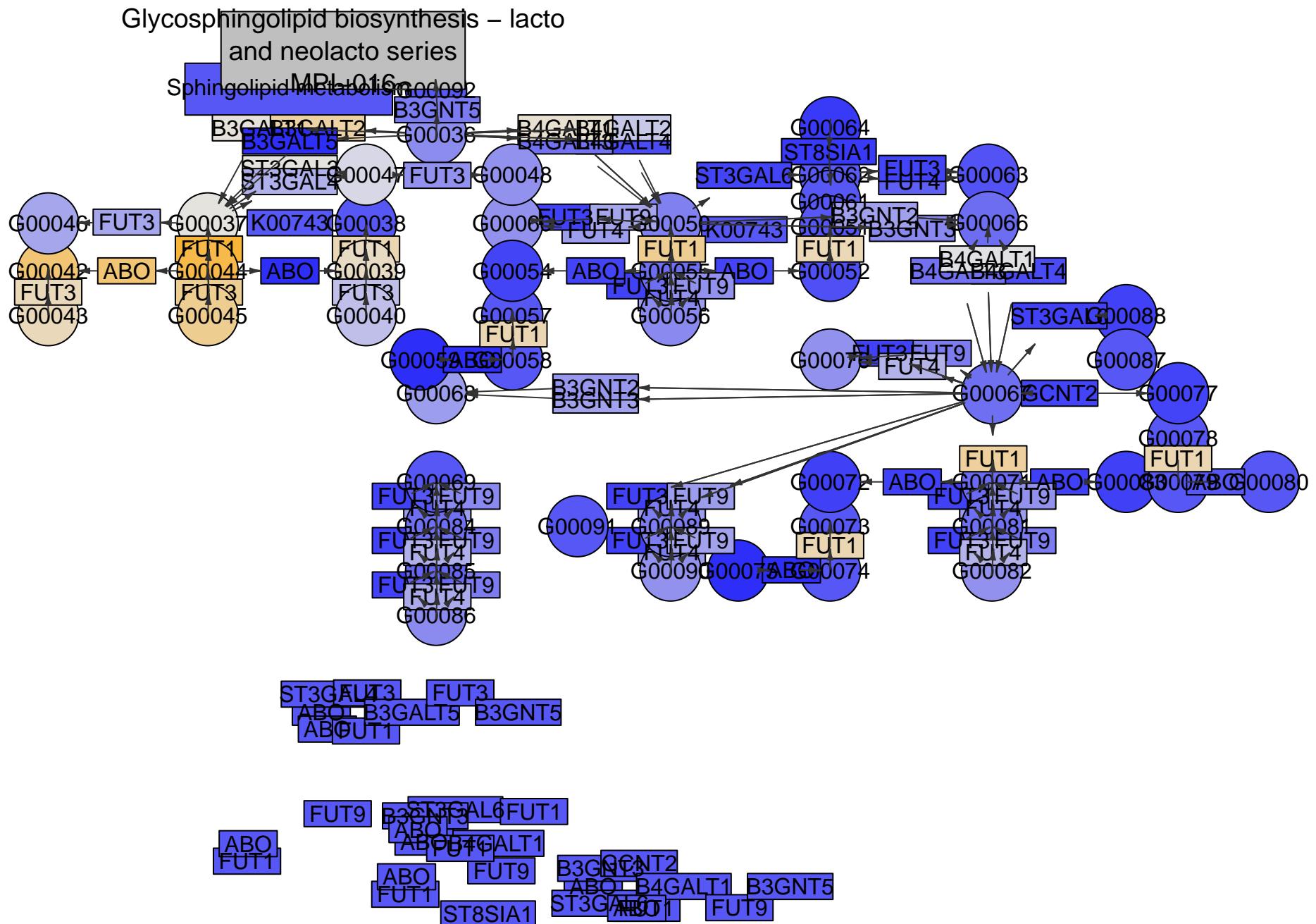


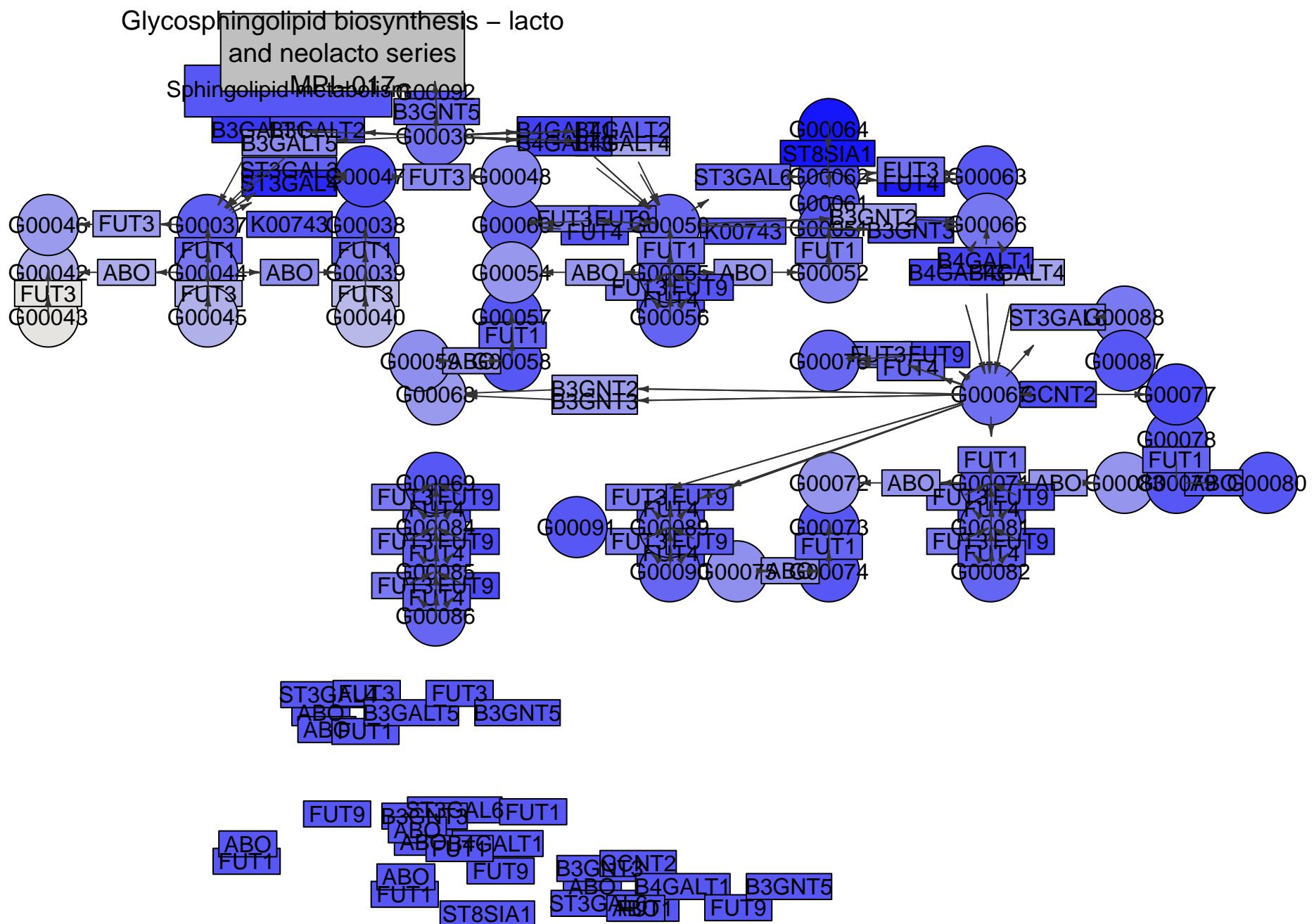
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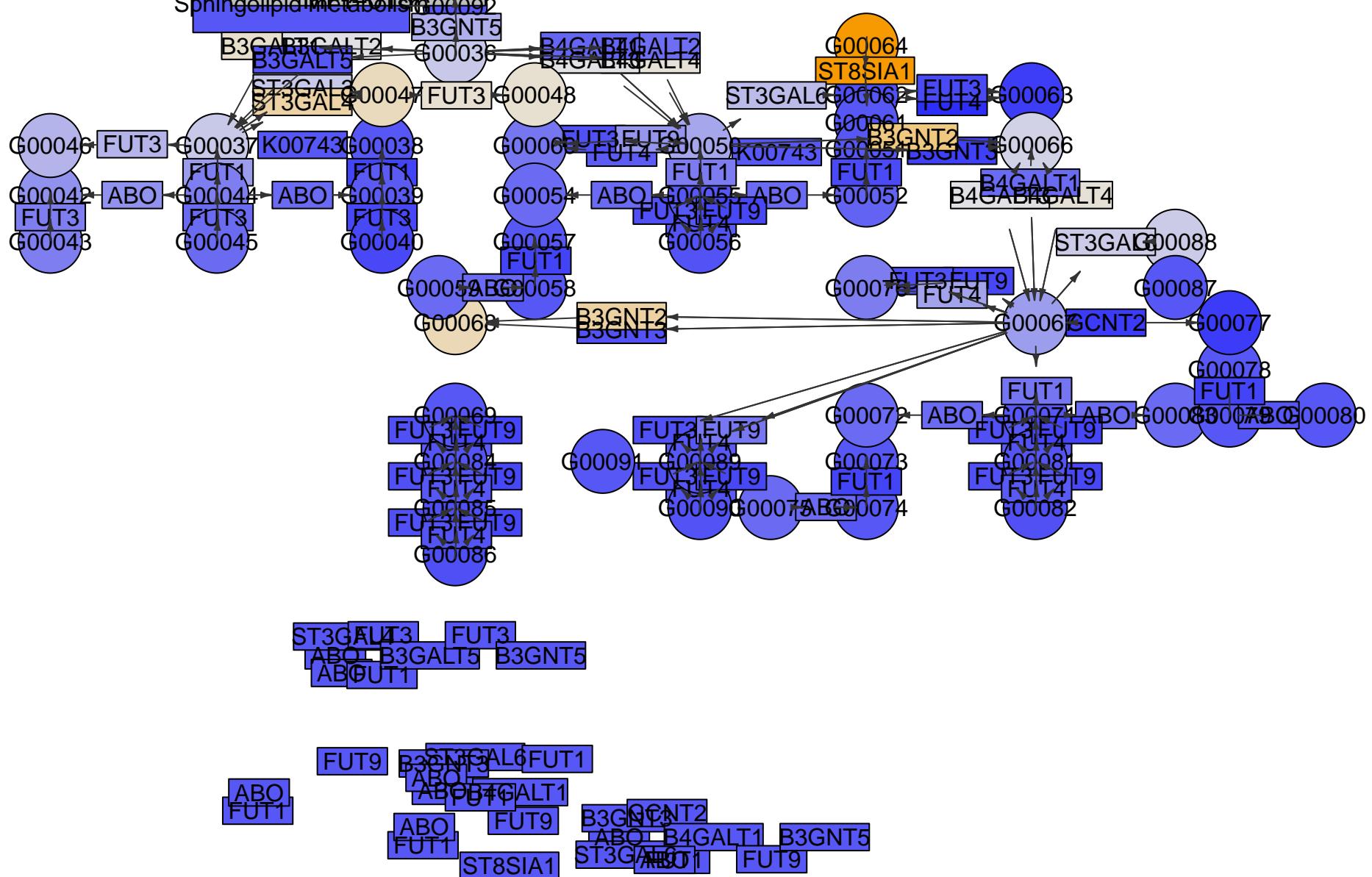
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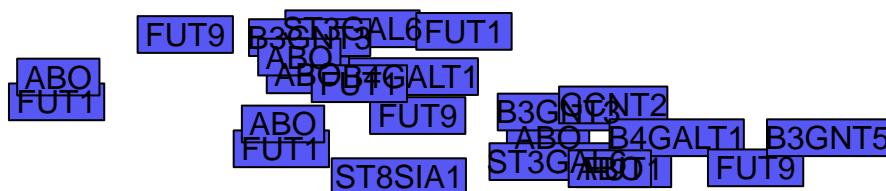
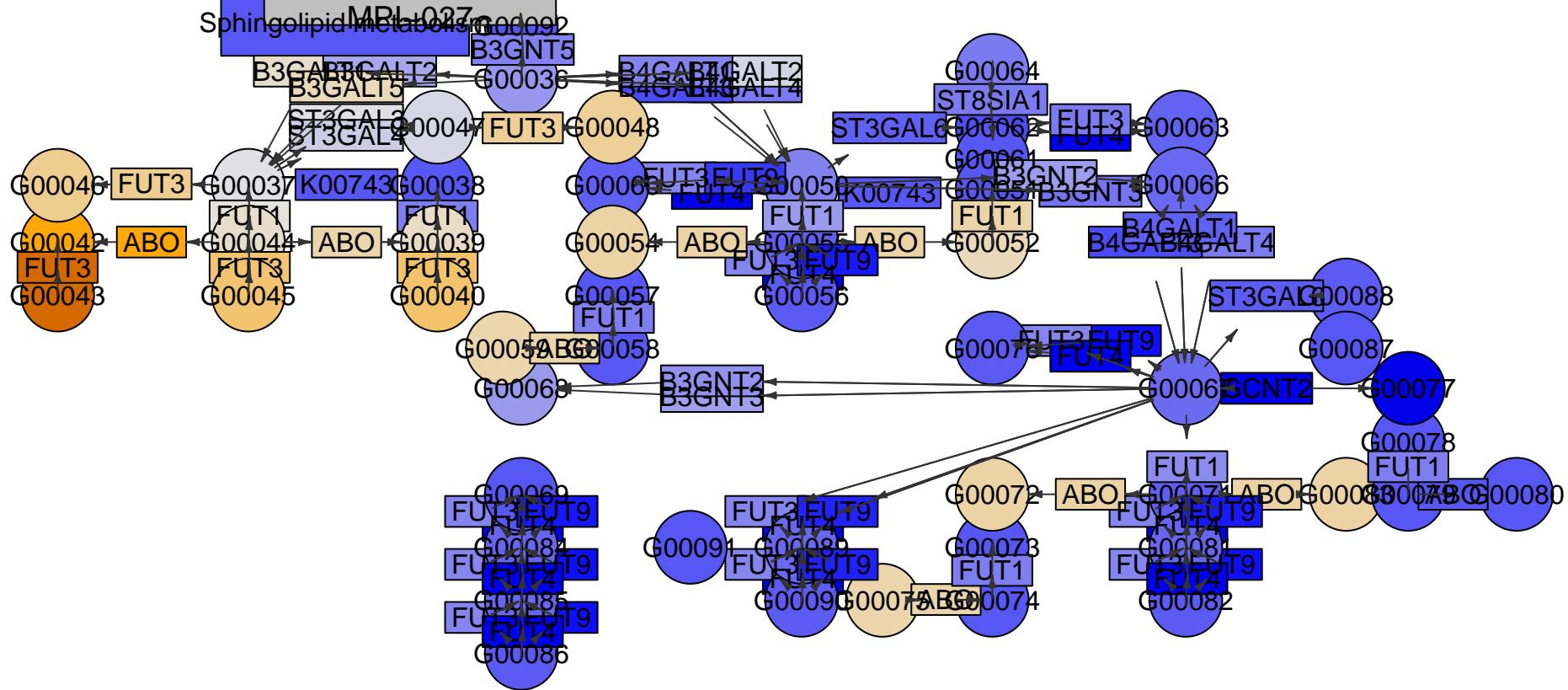




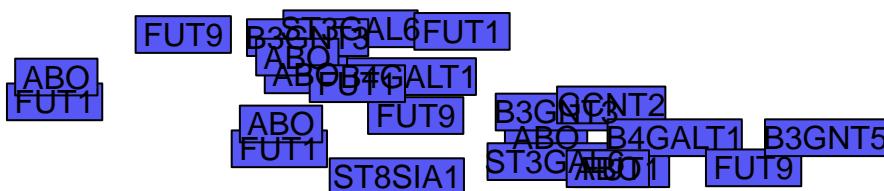
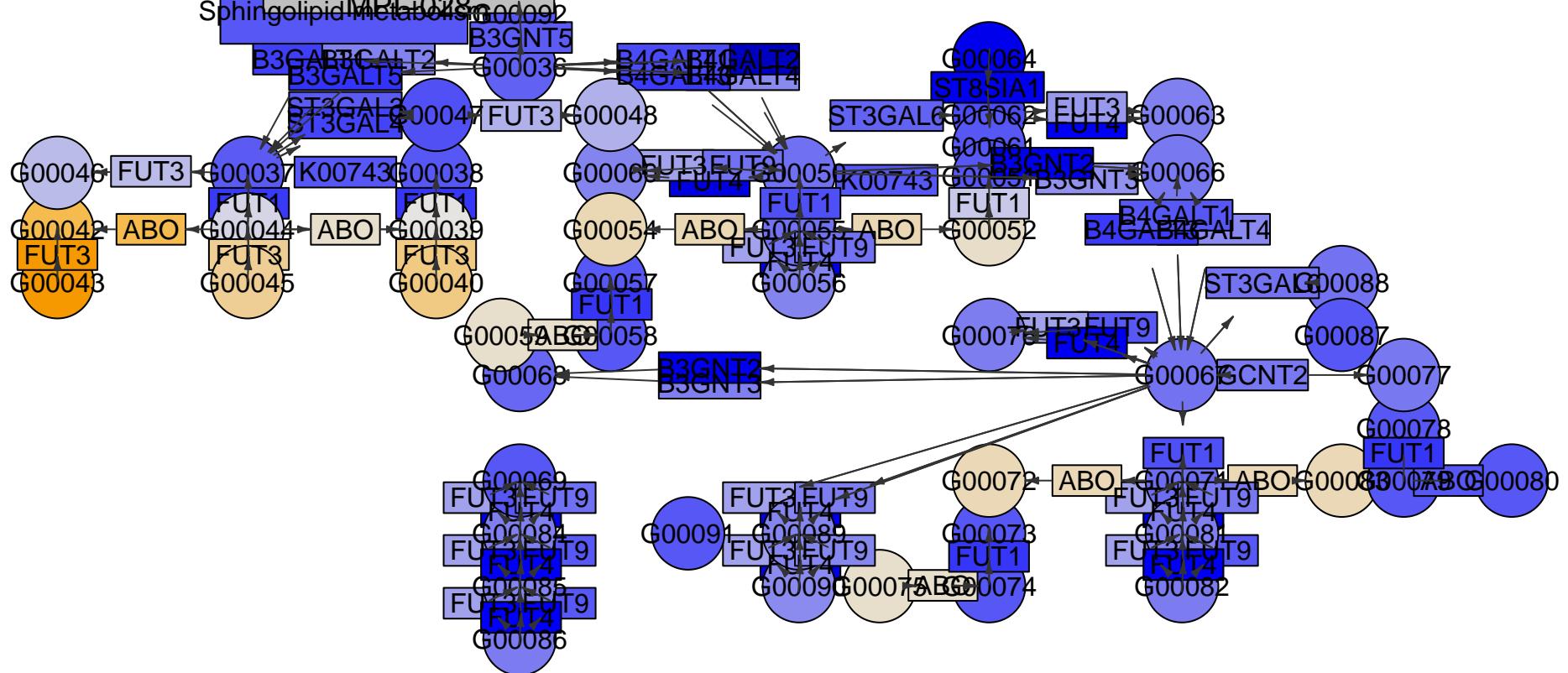
Glycosphingolipid biosynthesis – lacto and neolacto series

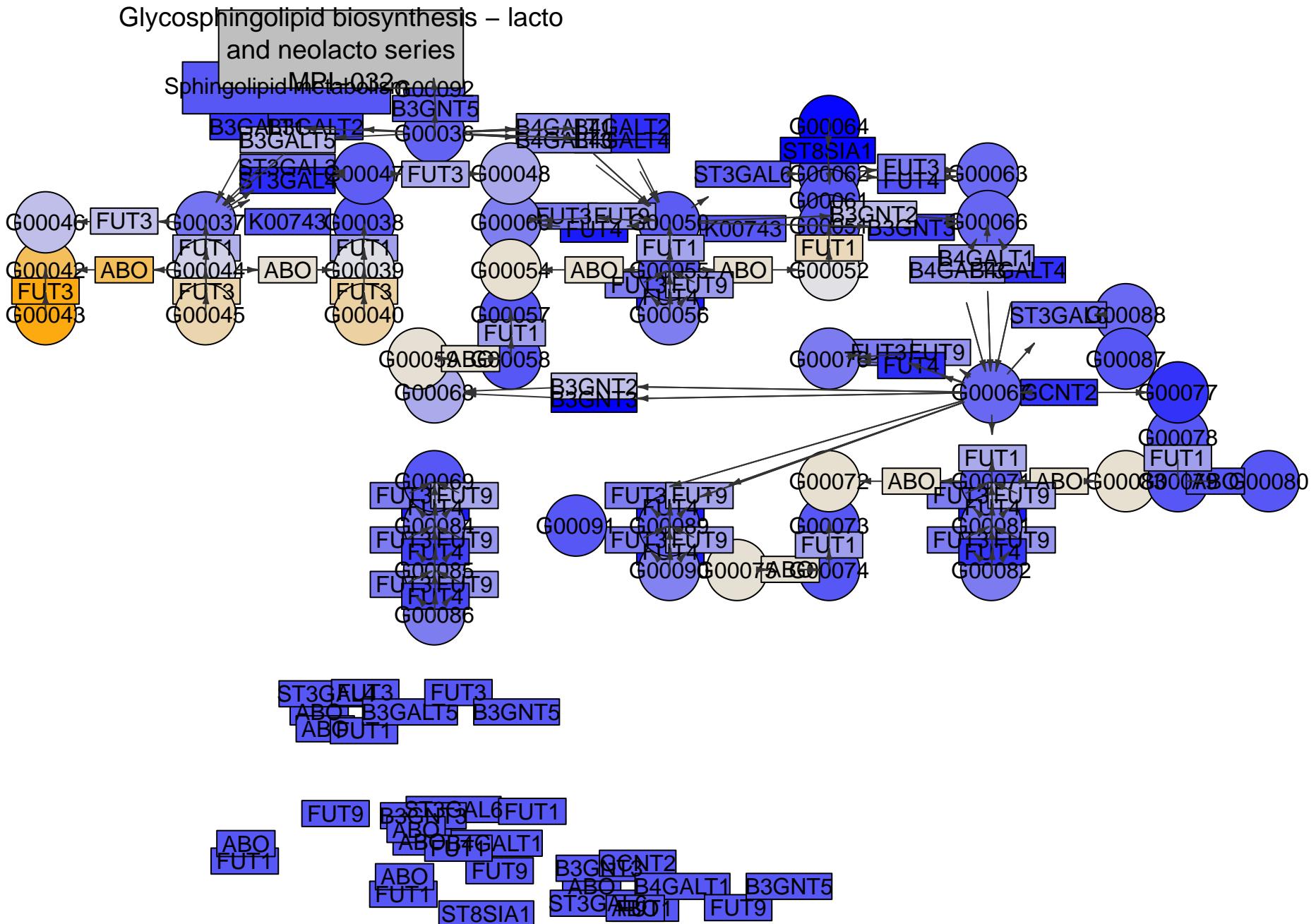


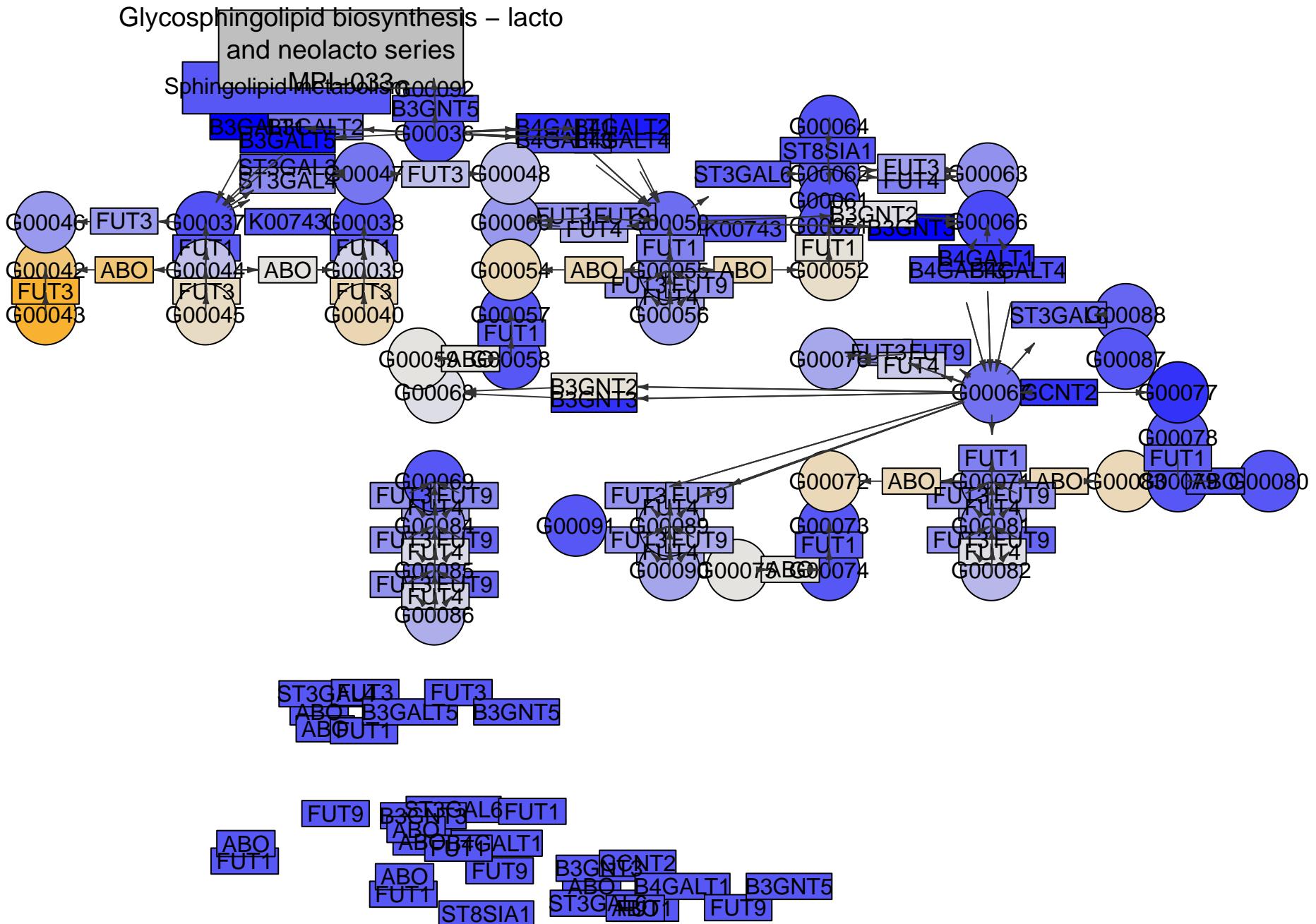
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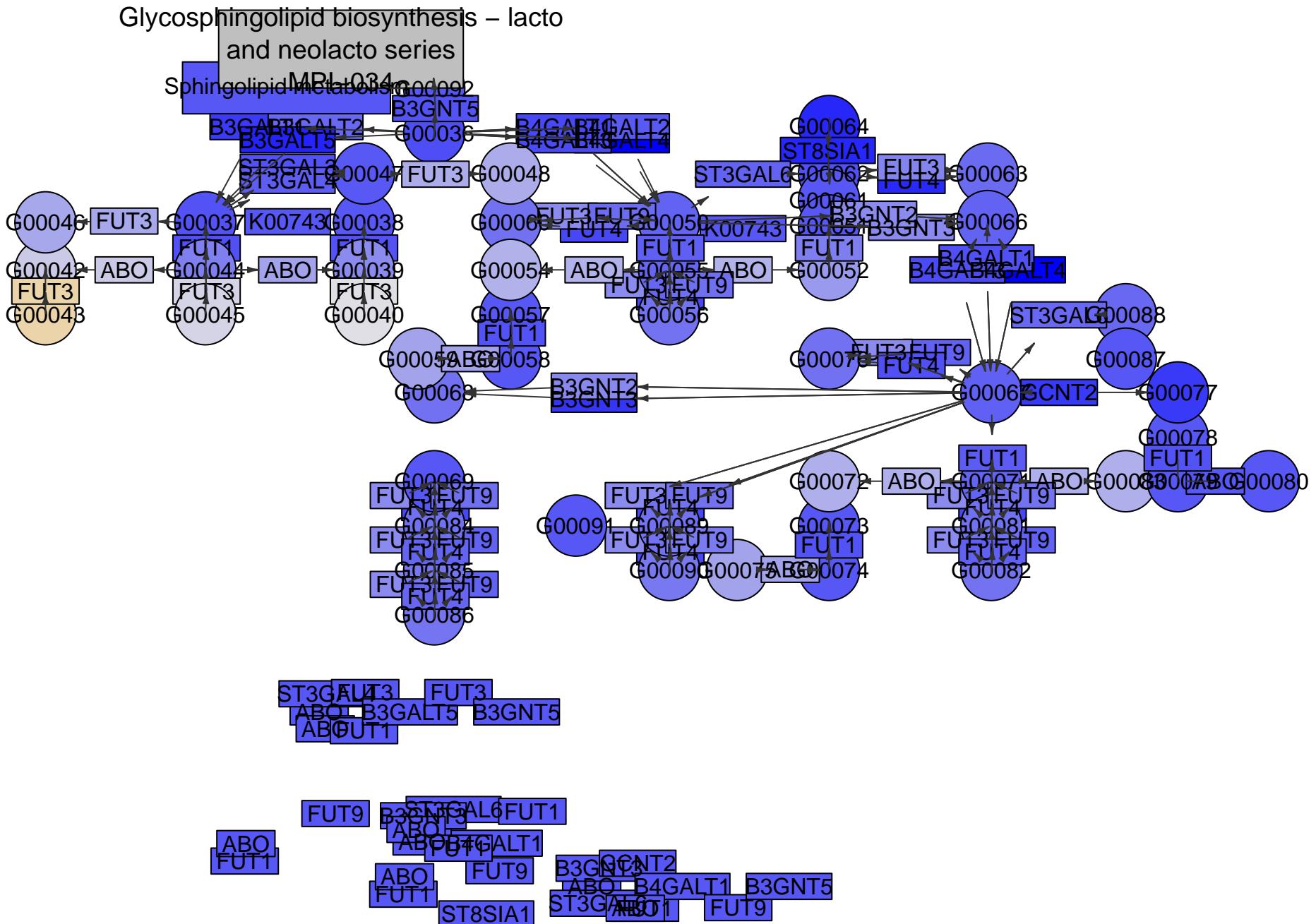


Glycosphingolipid biosynthesis – lacto and neolacto series

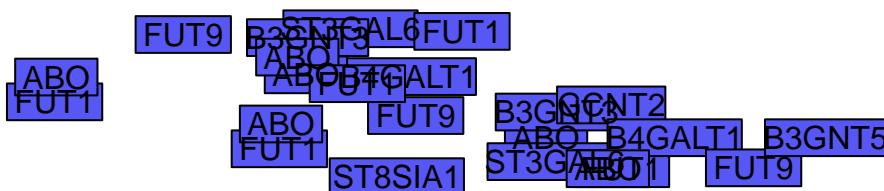
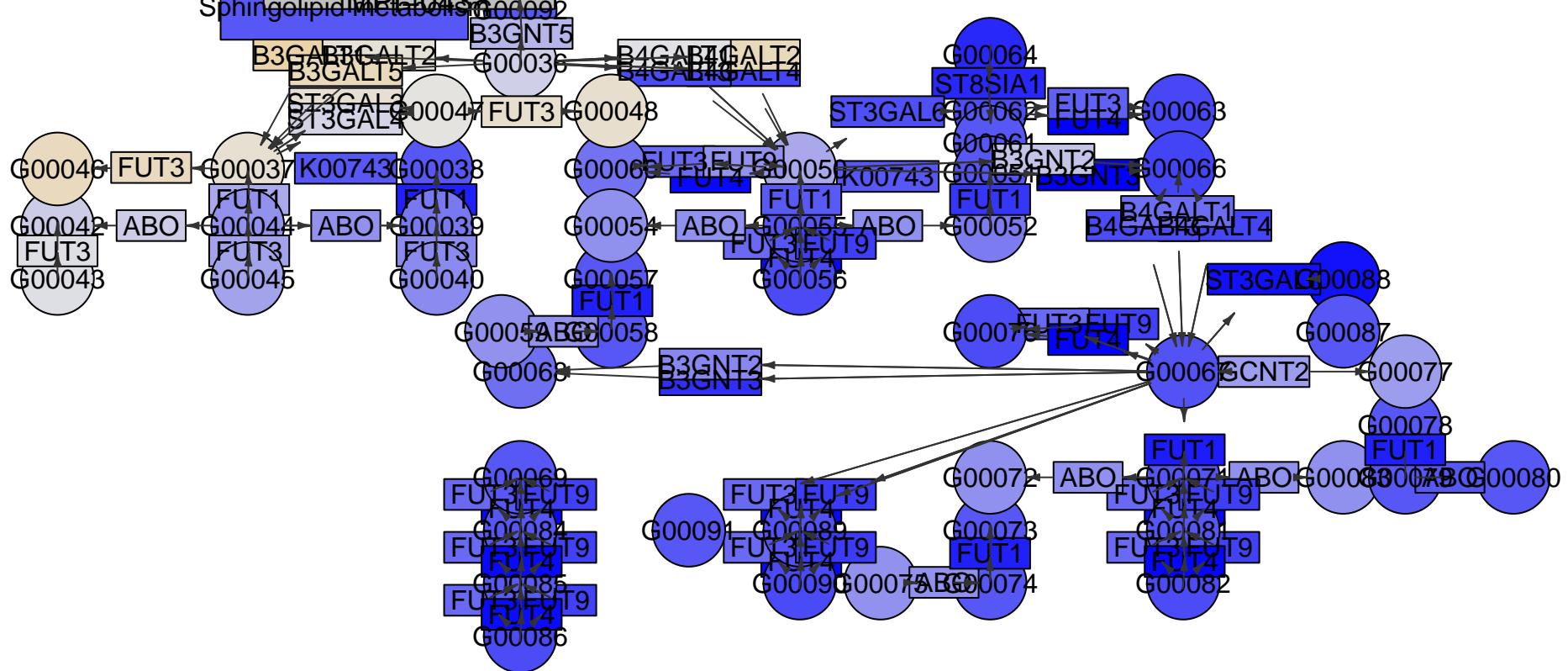




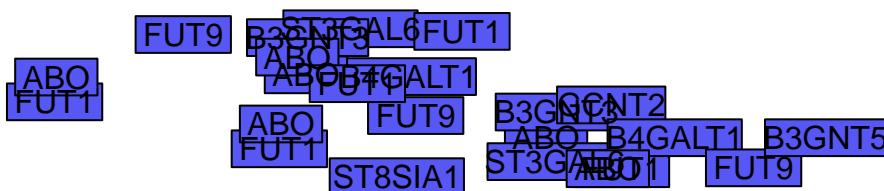
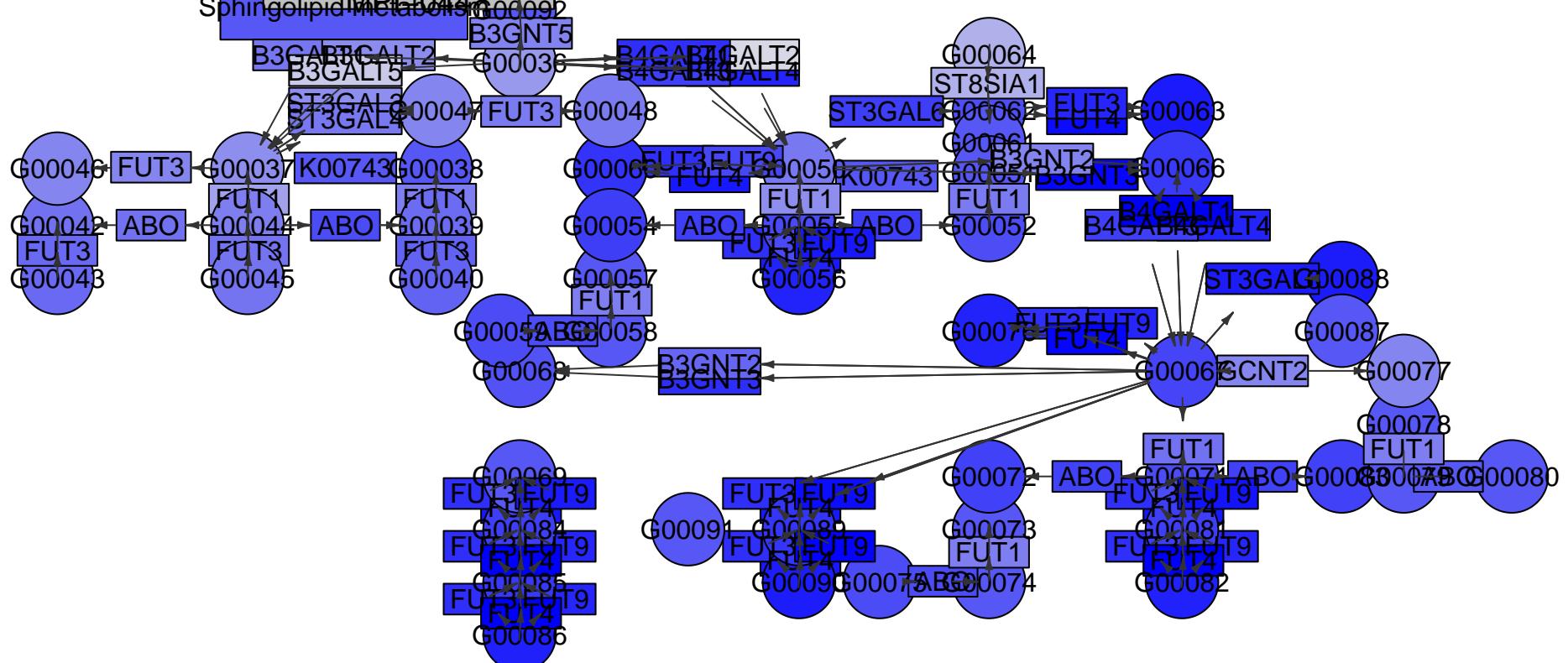




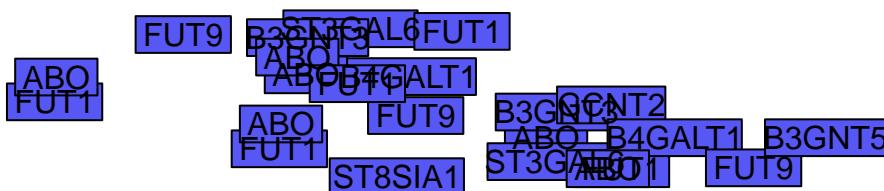
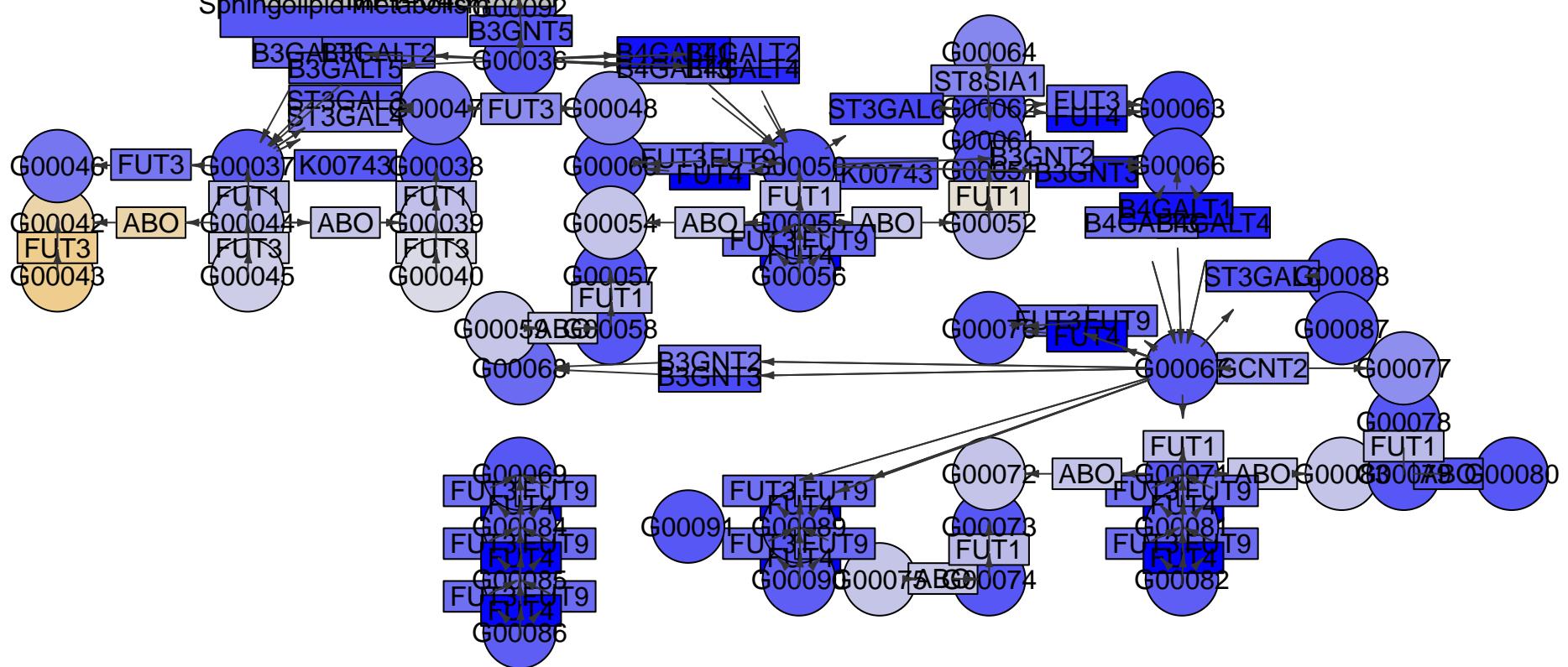
Glycosphingolipid biosynthesis – lacto and neolacto series

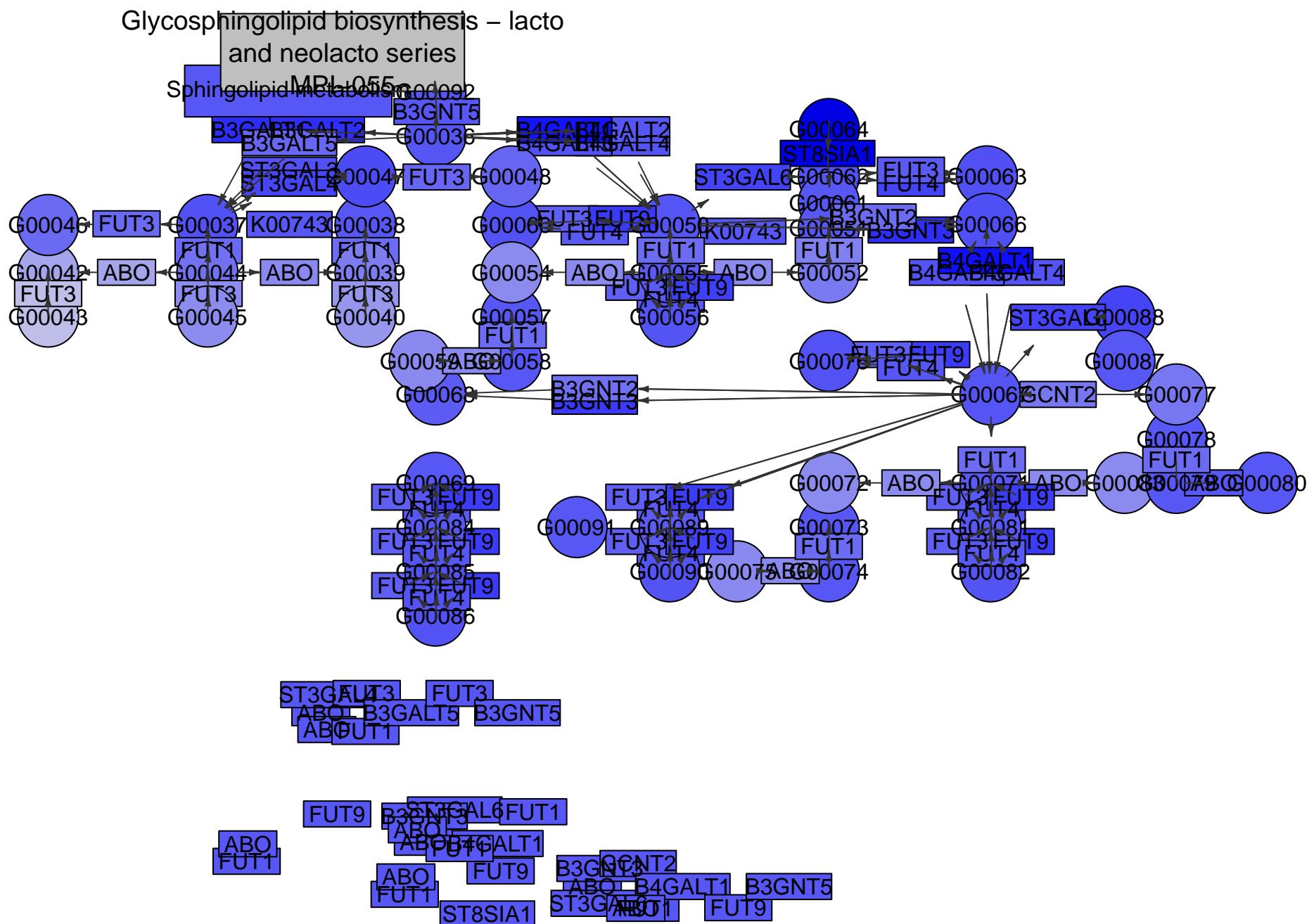


Glycosphingolipid biosynthesis – lacto and neolacto series

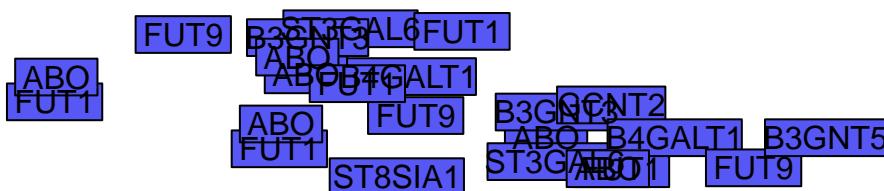
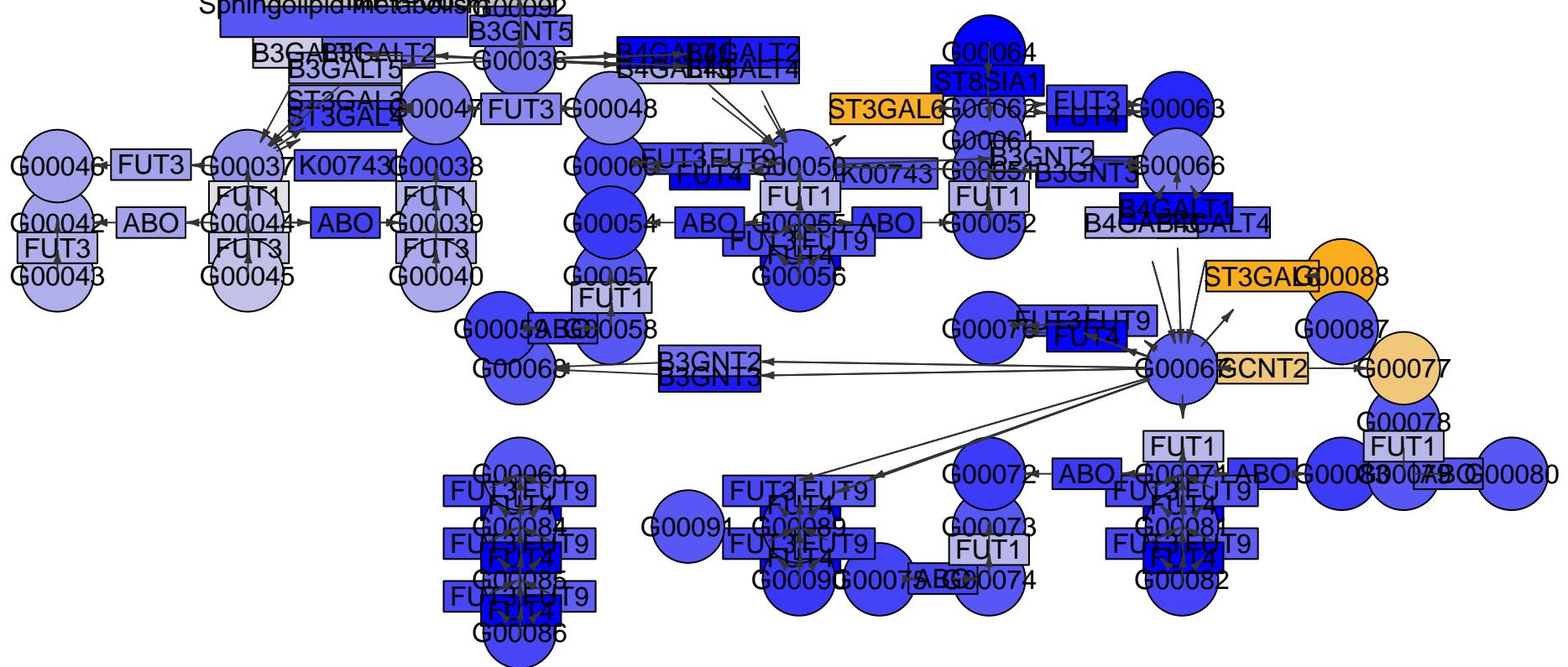


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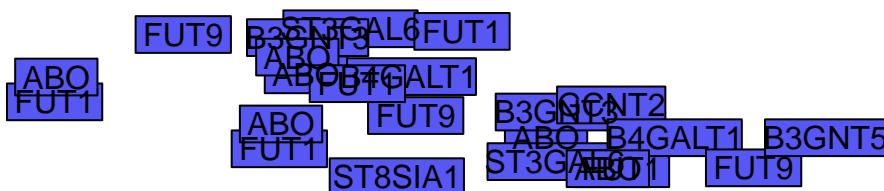
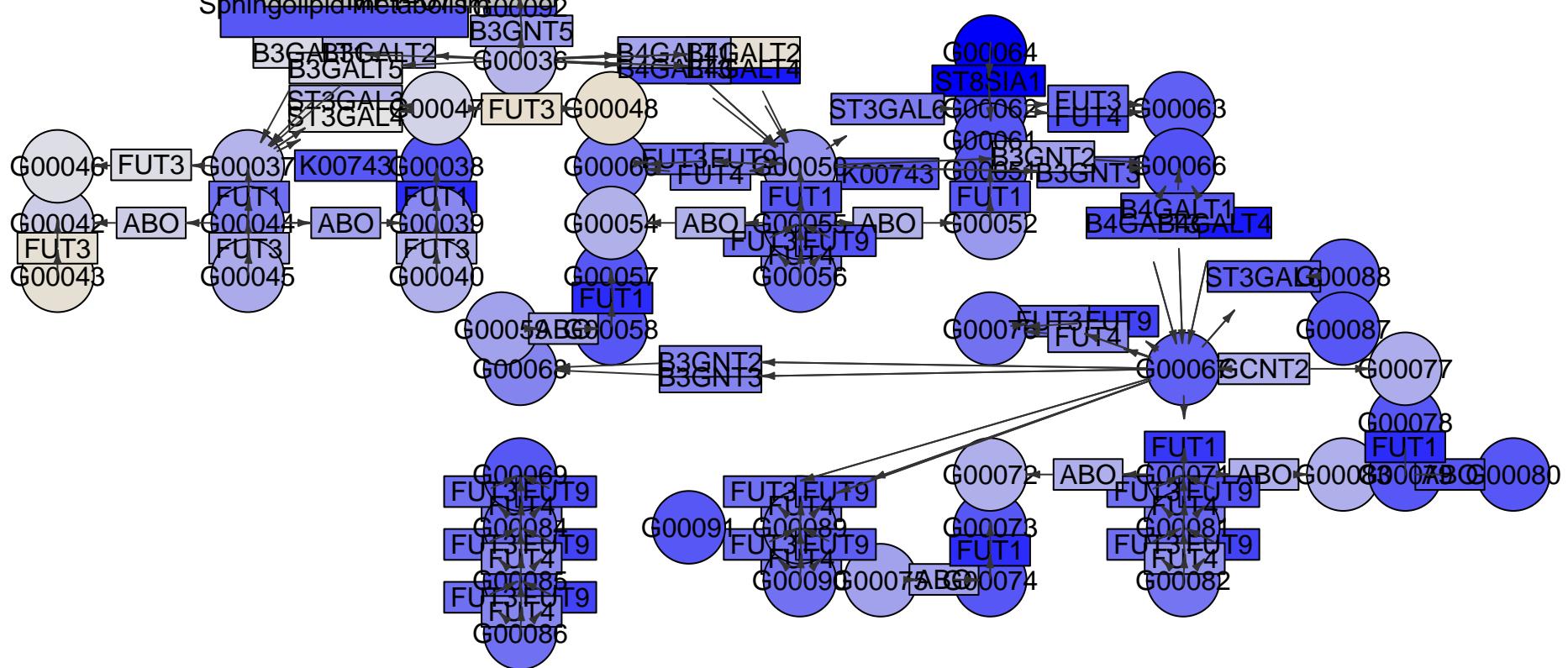




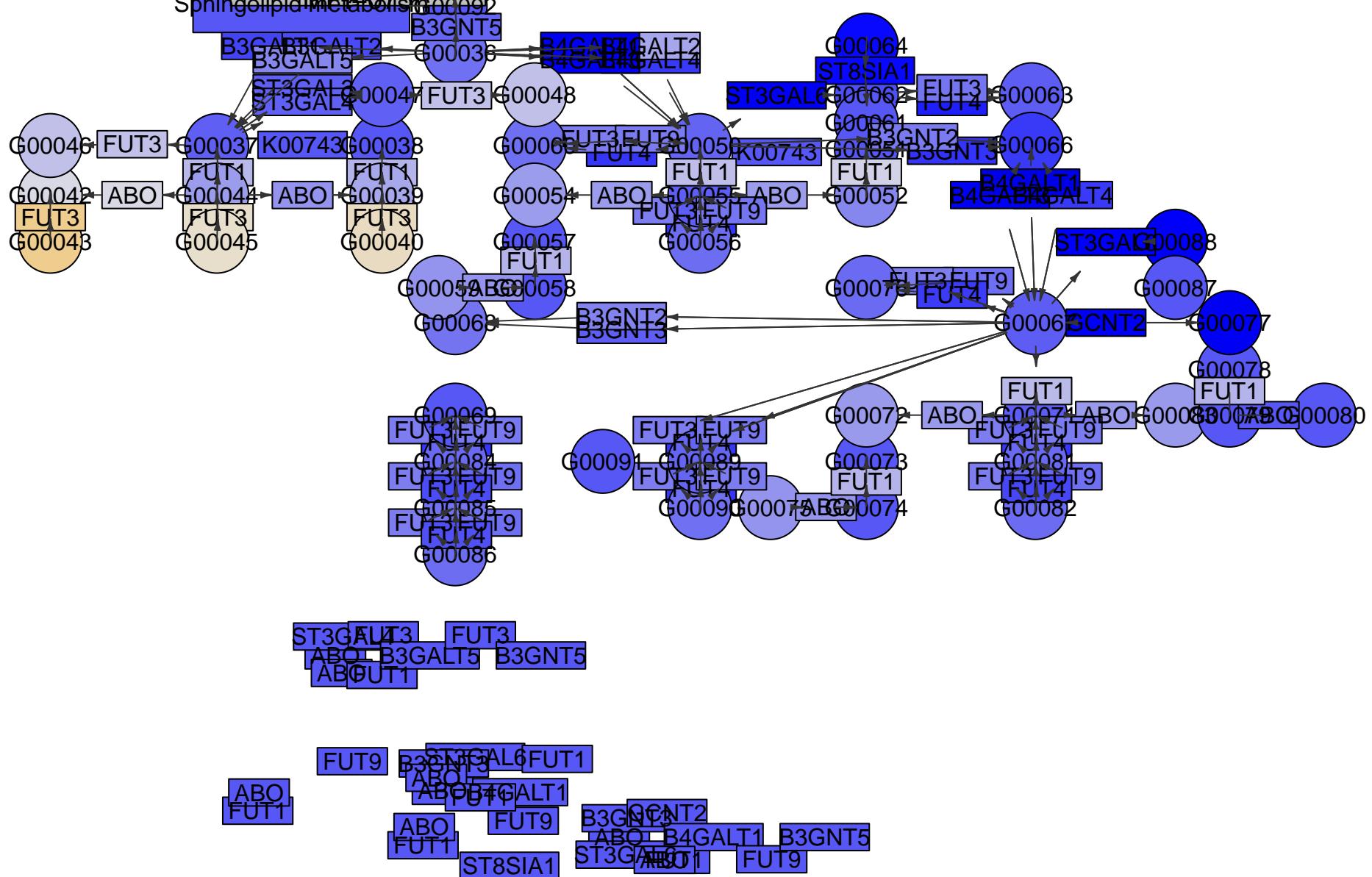
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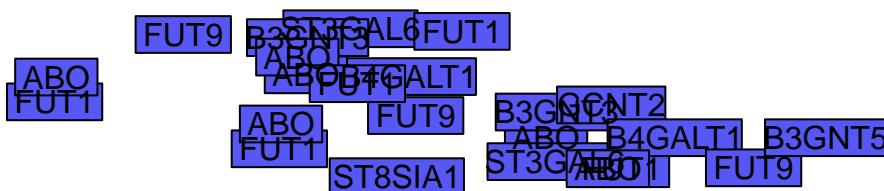
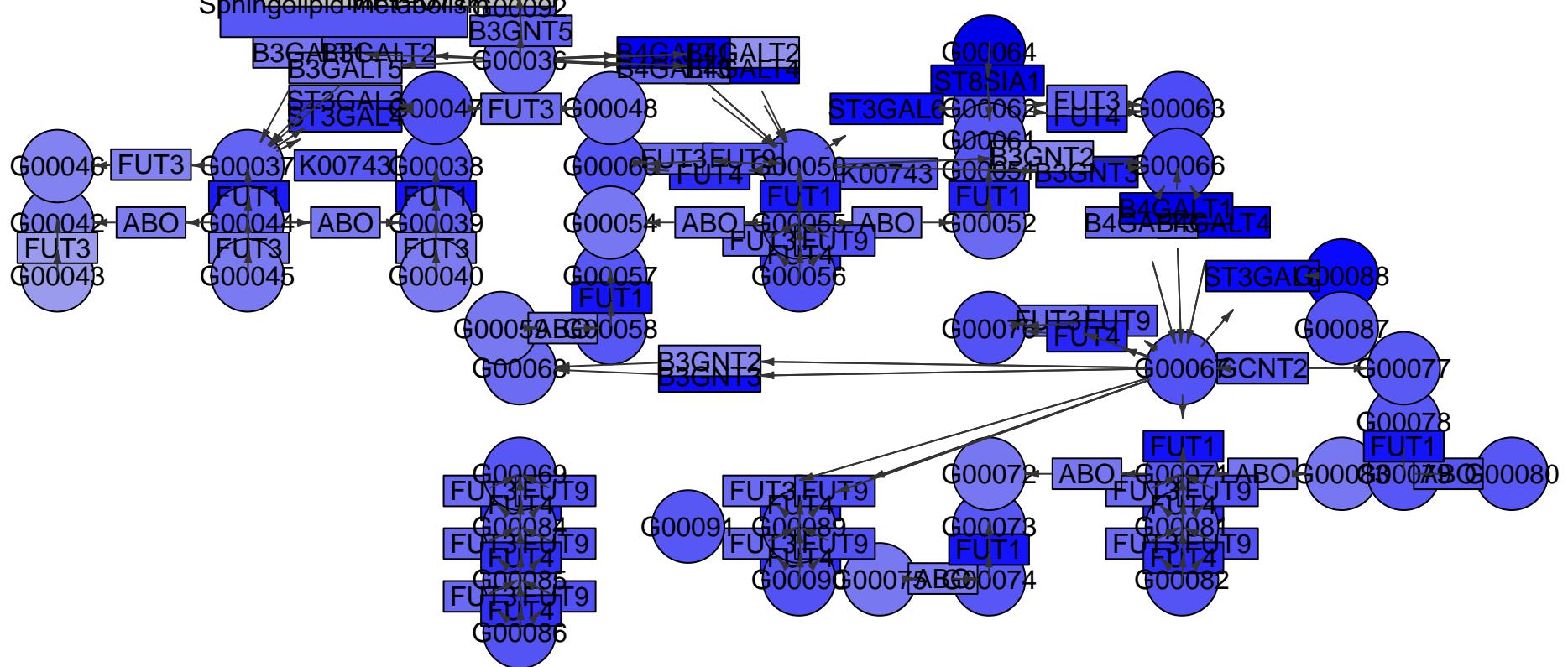
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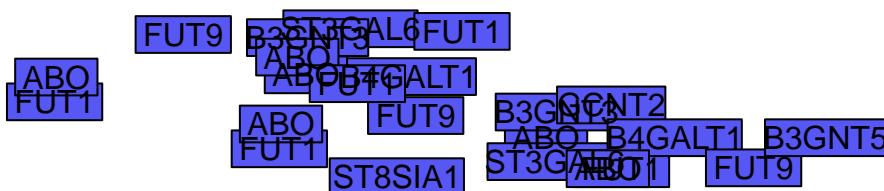
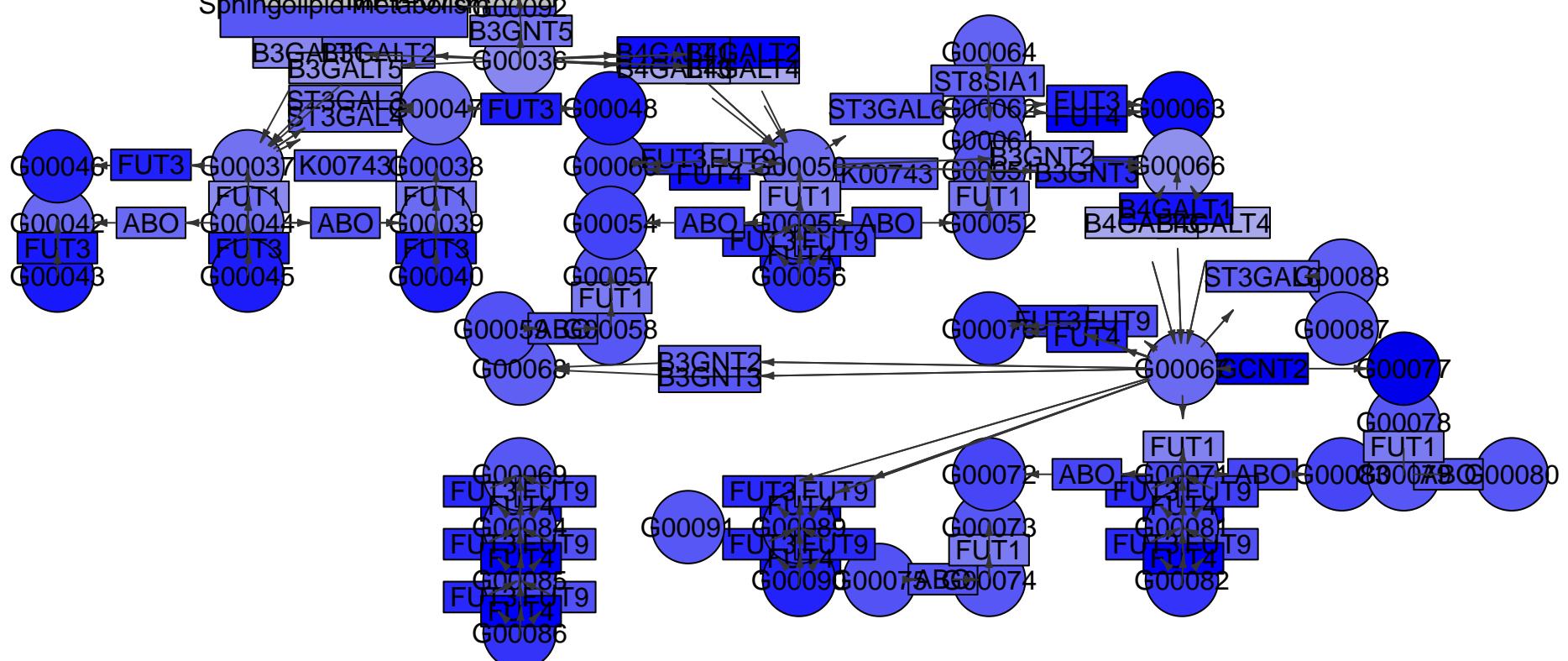
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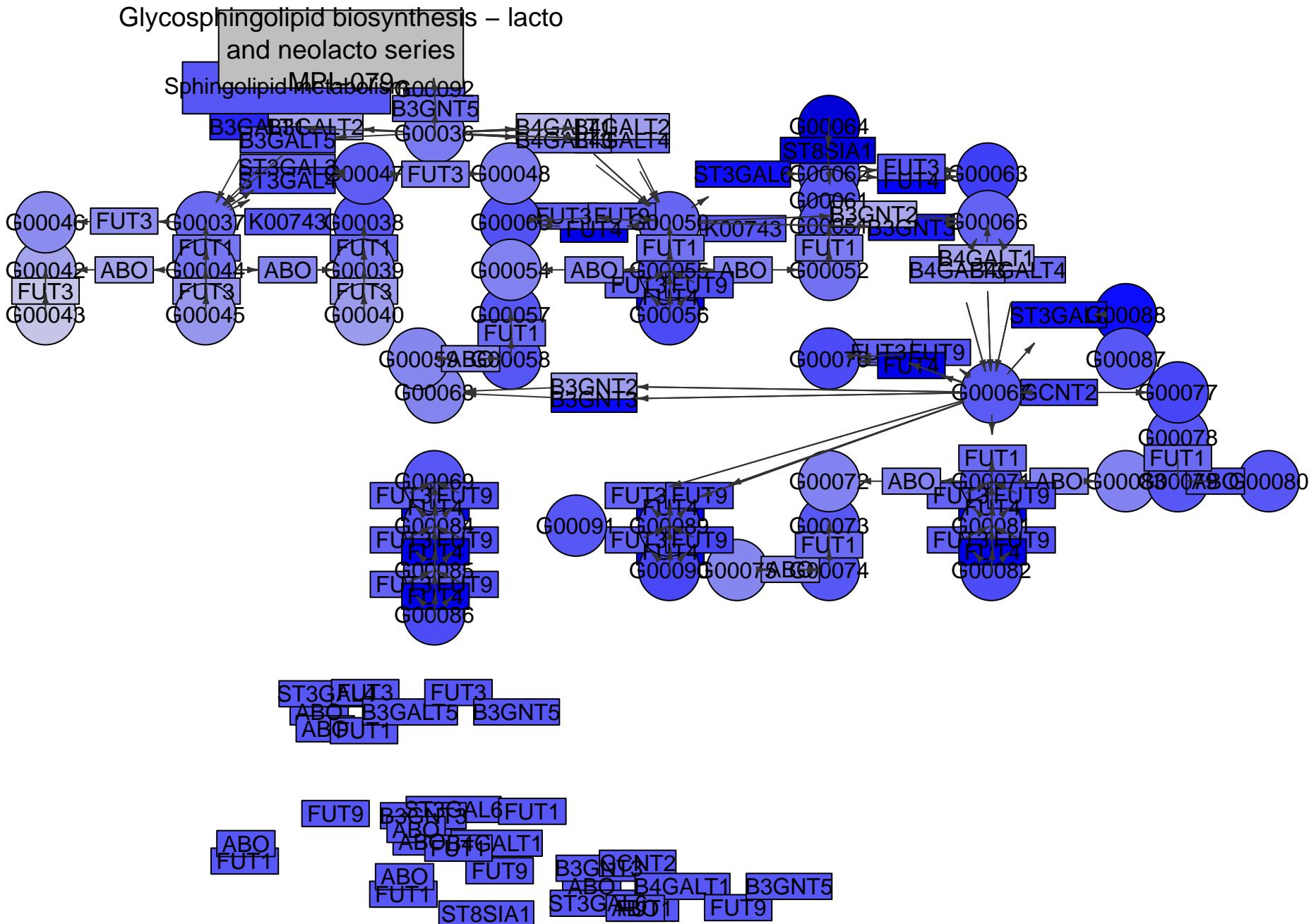


Glycosphingolipid biosynthesis – lacto and neolacto series

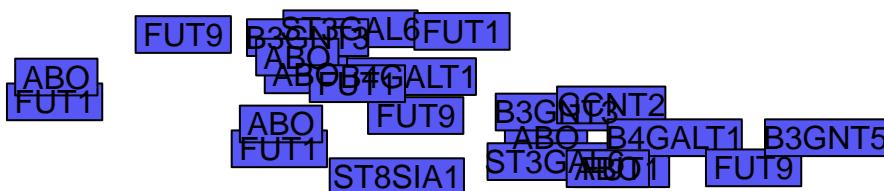
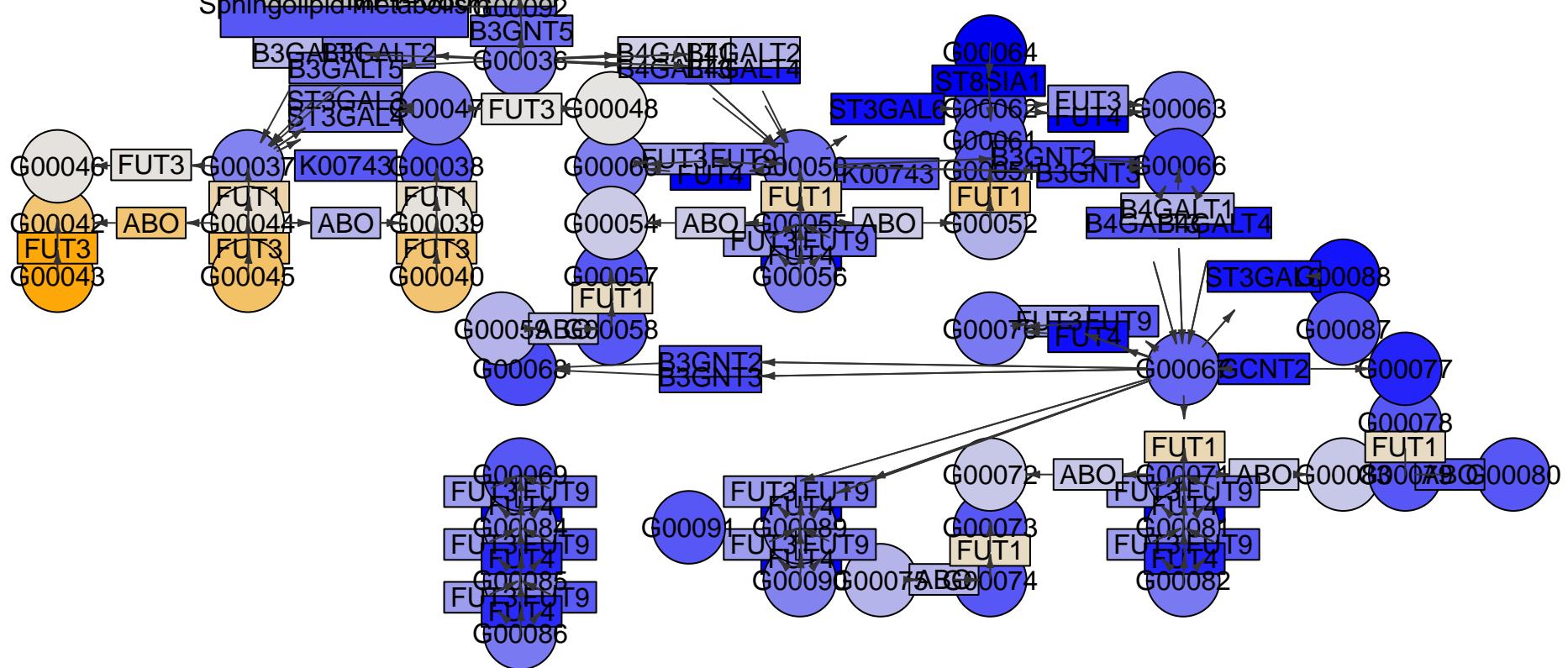


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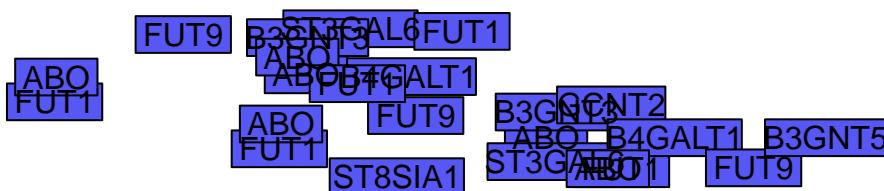
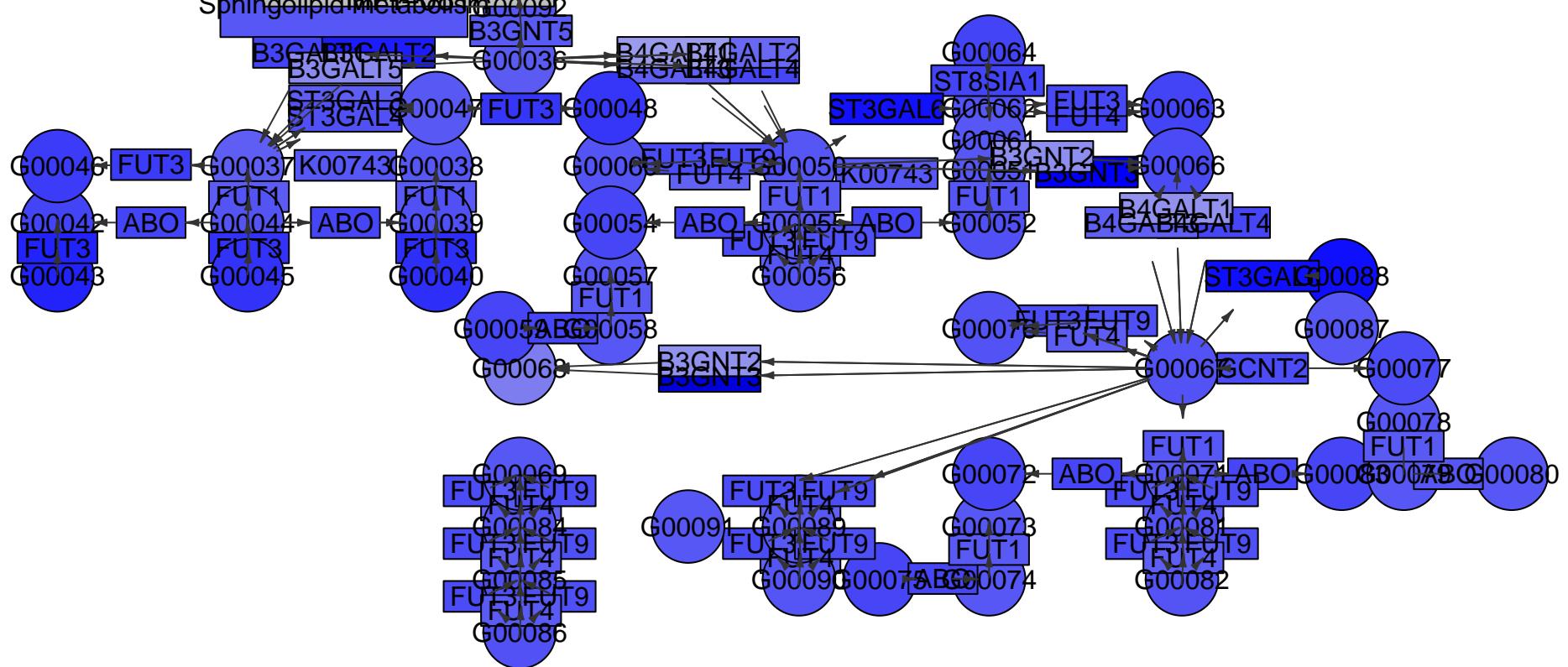




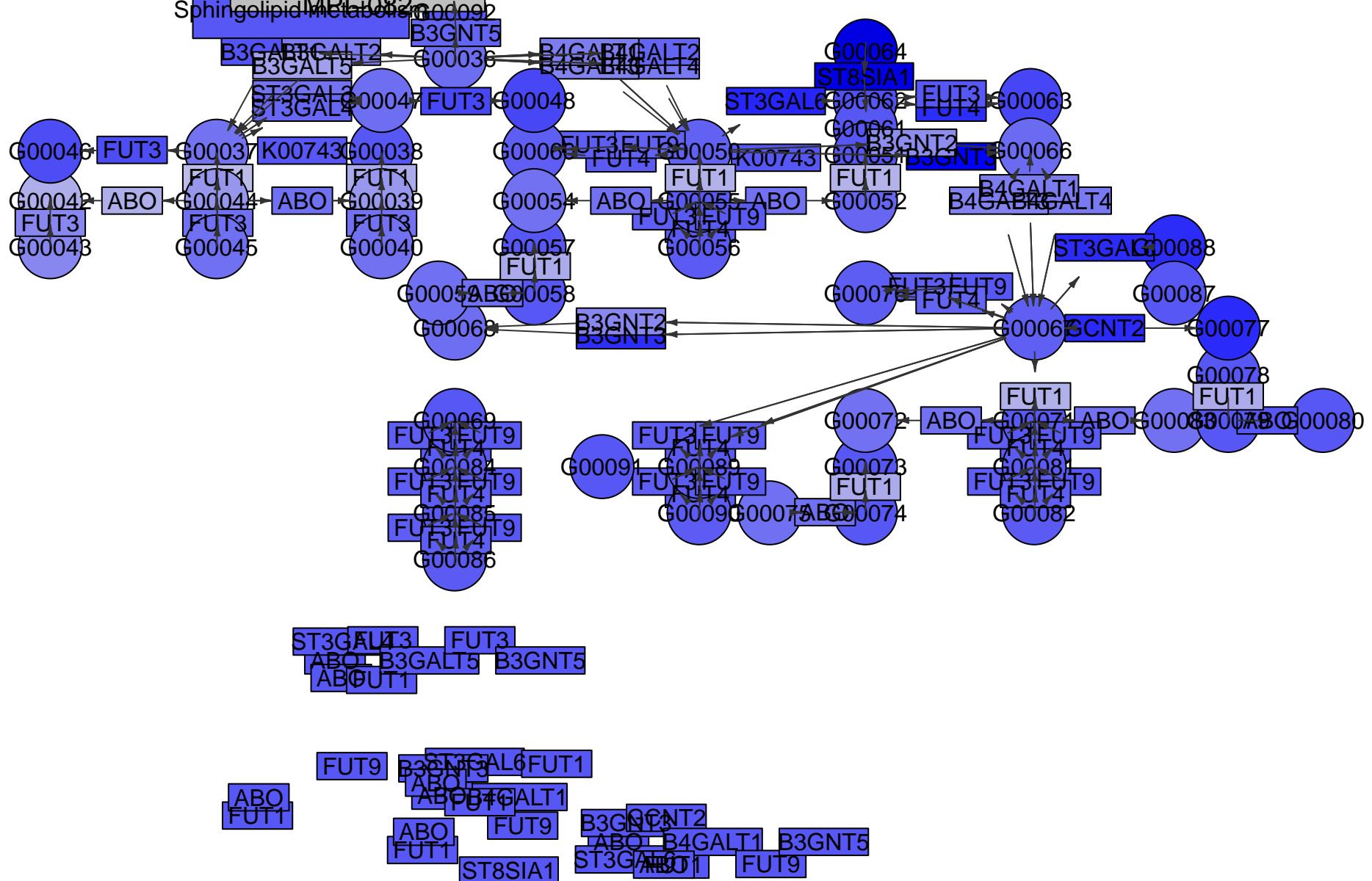
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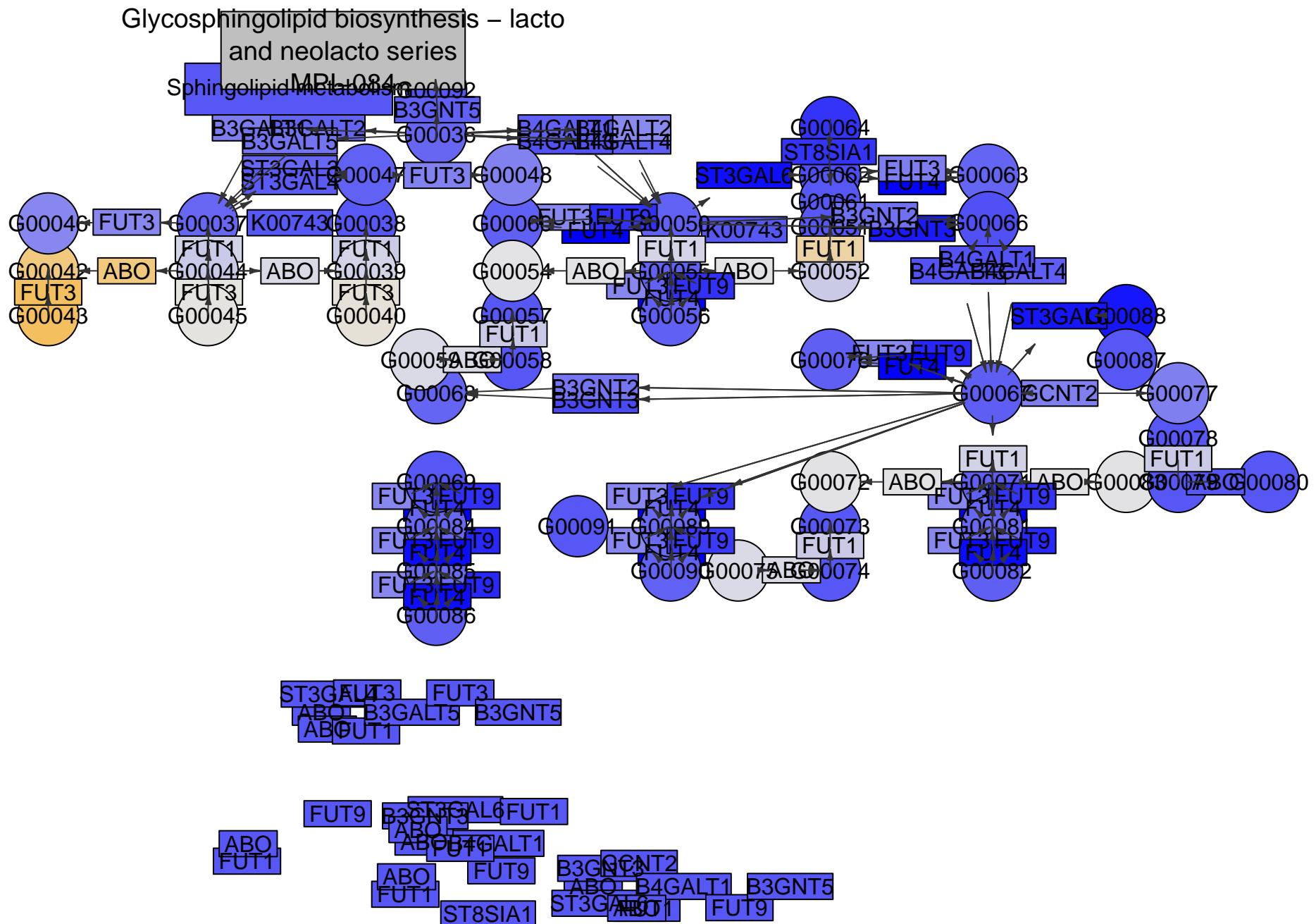


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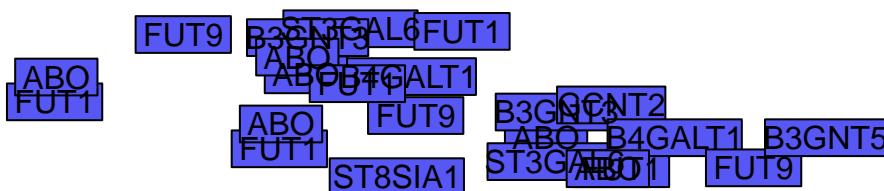
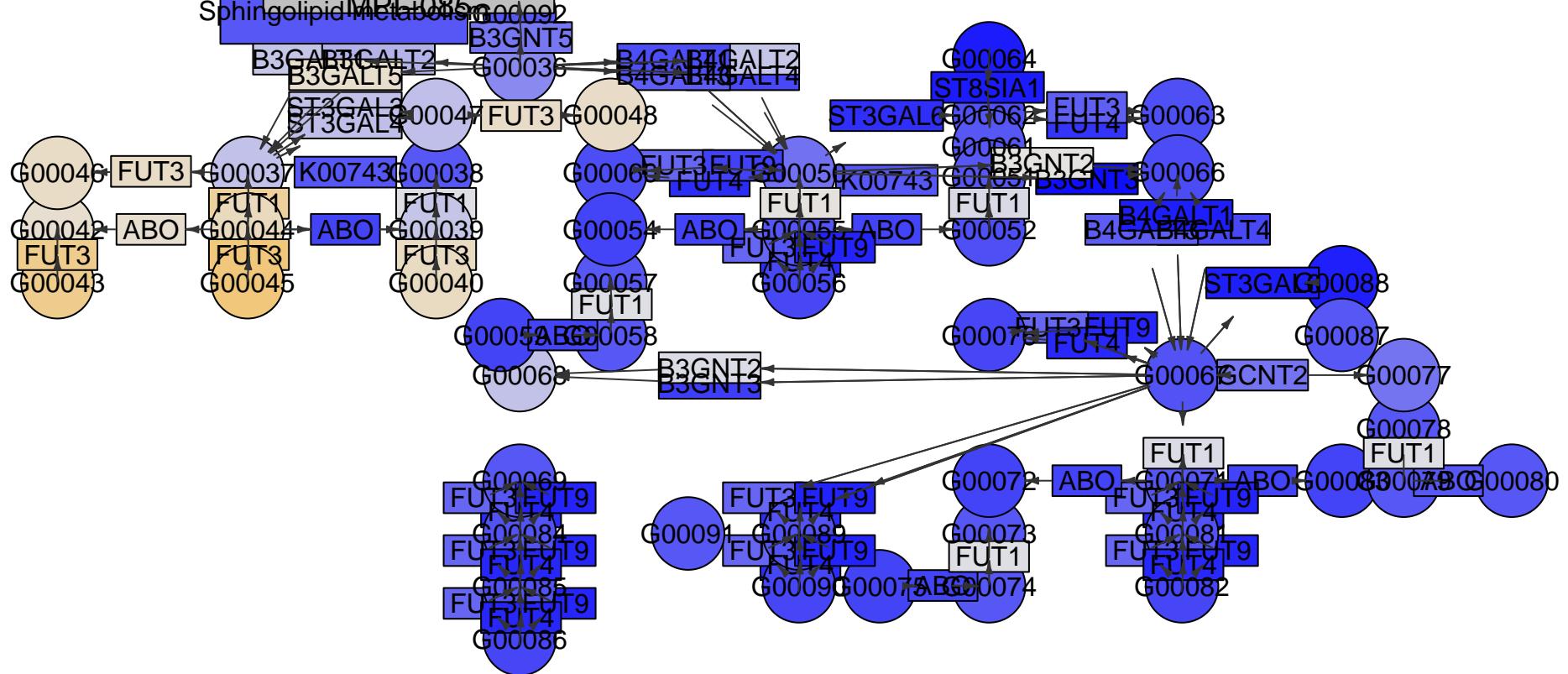


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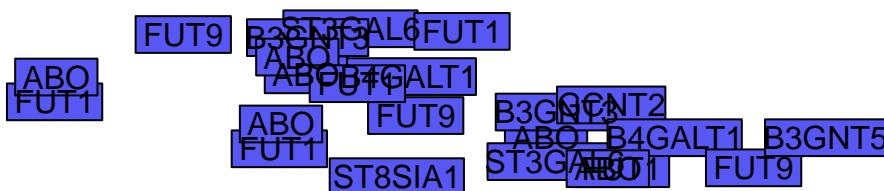
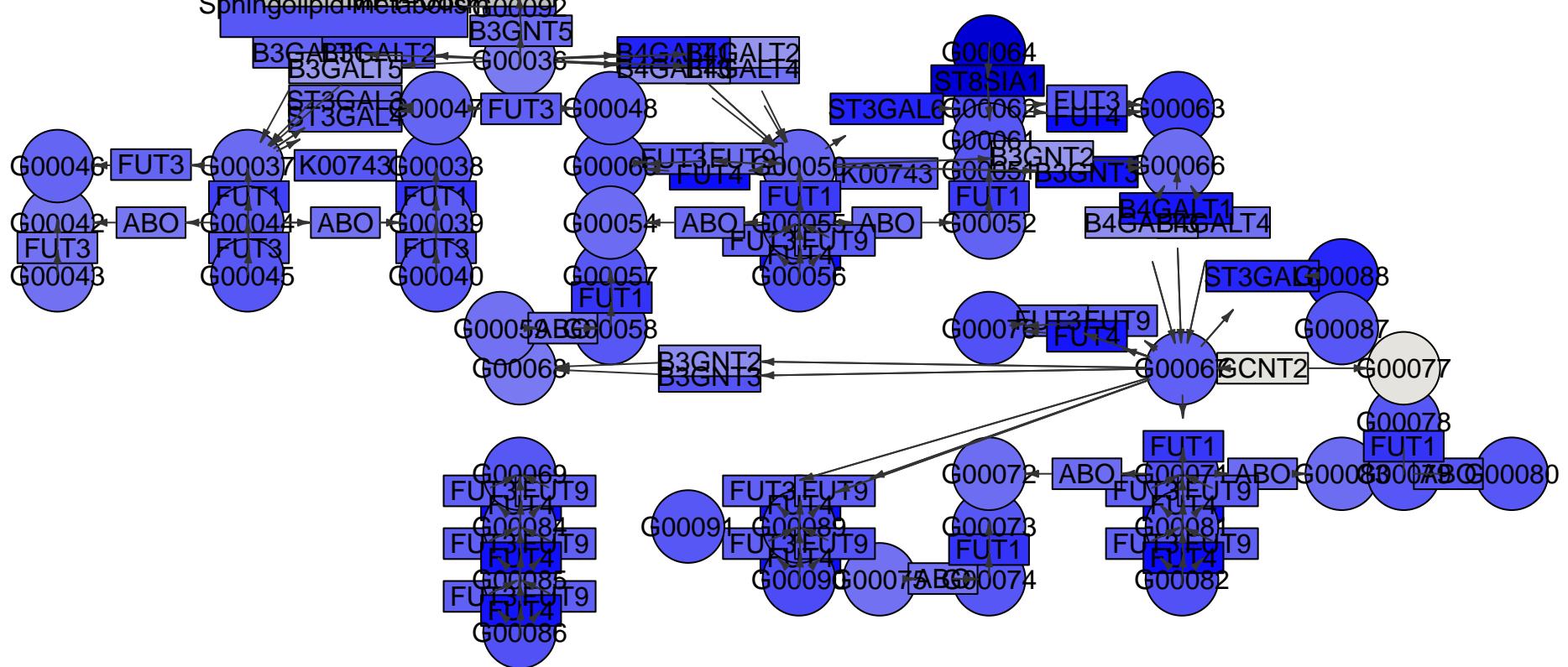




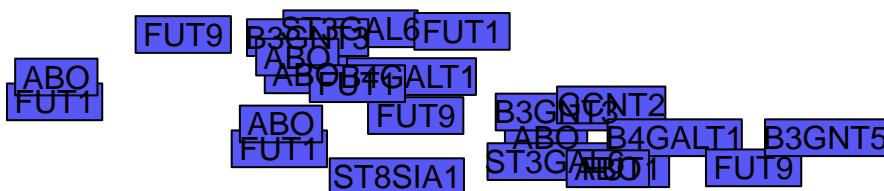
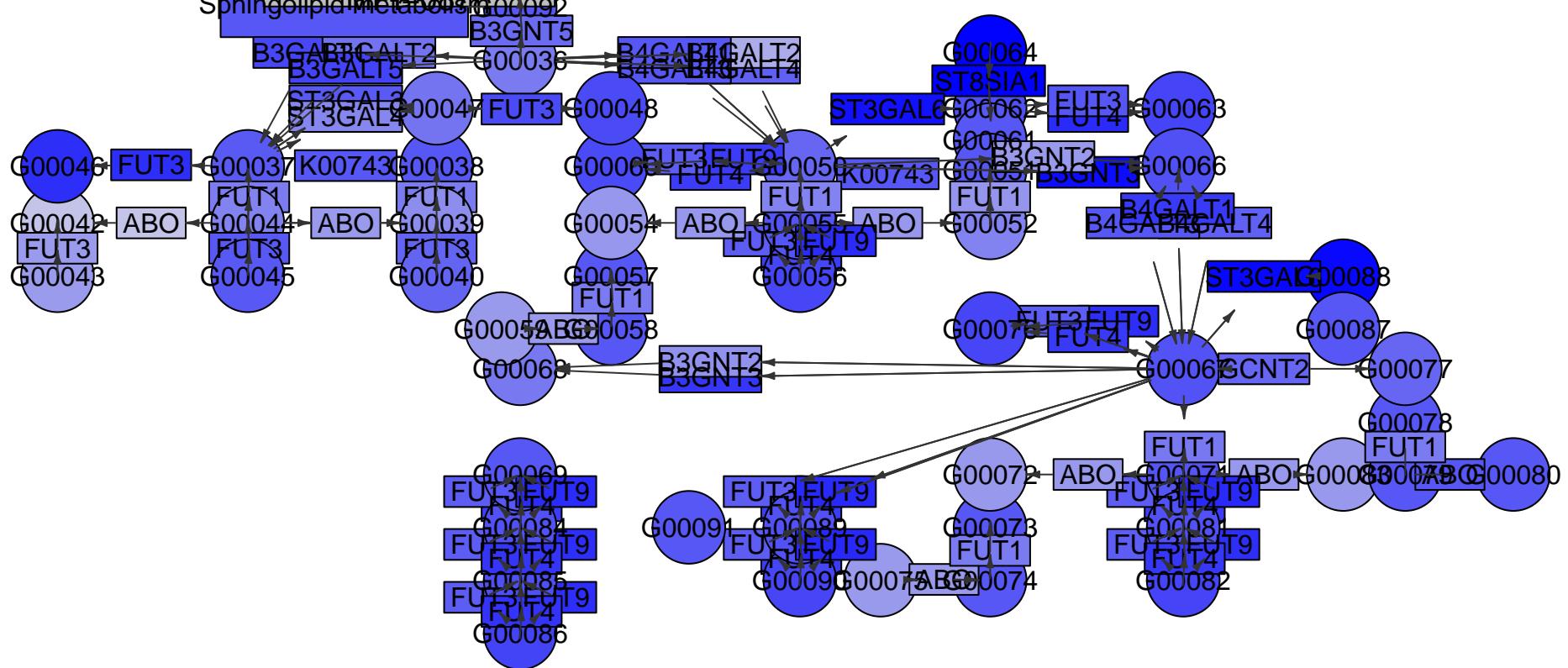
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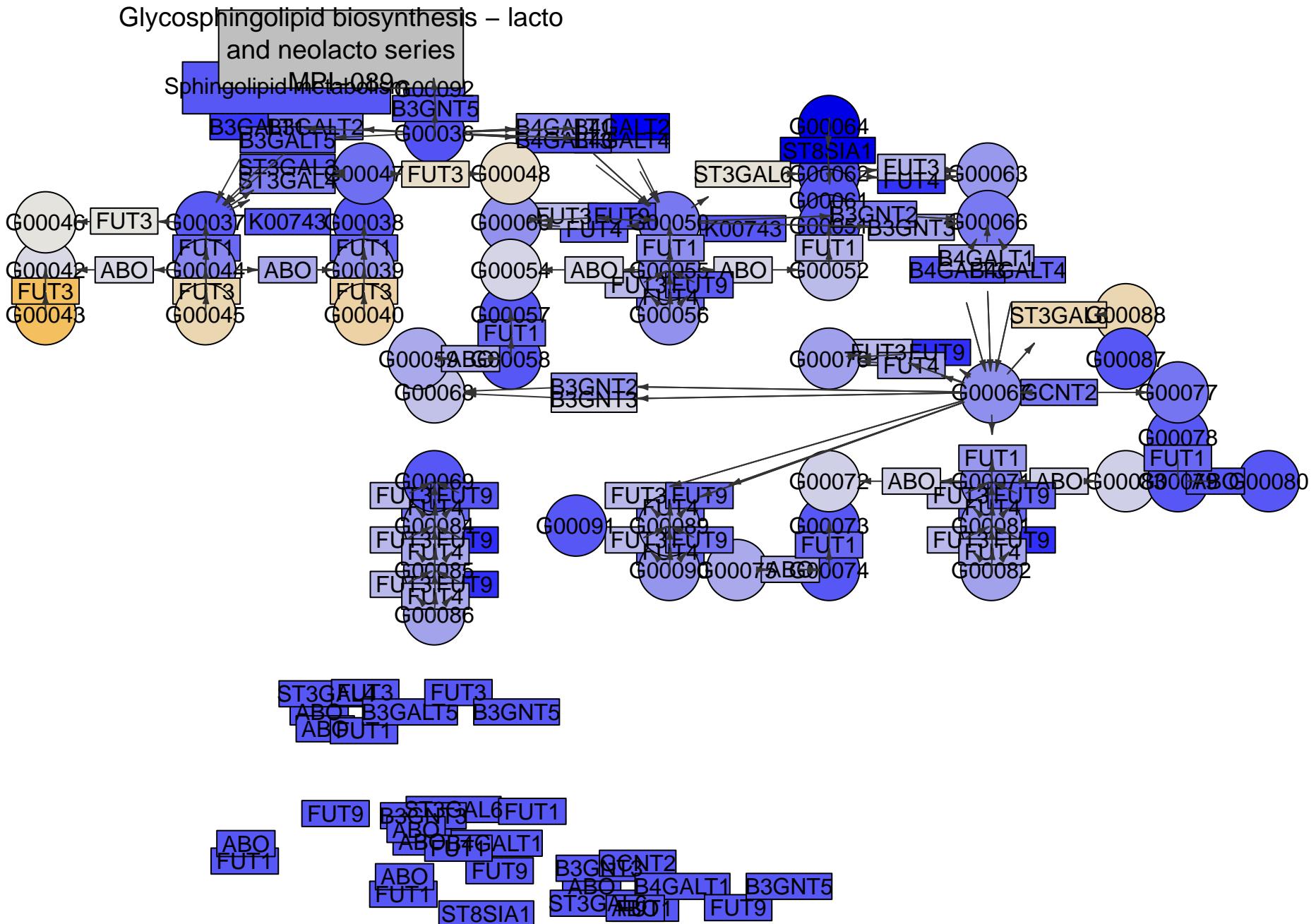


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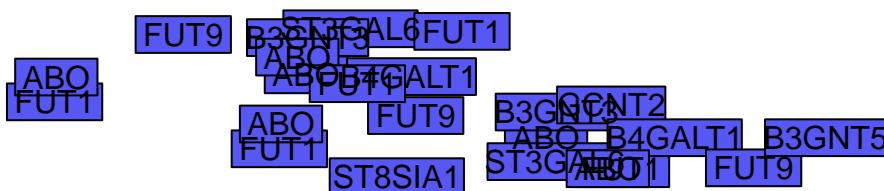
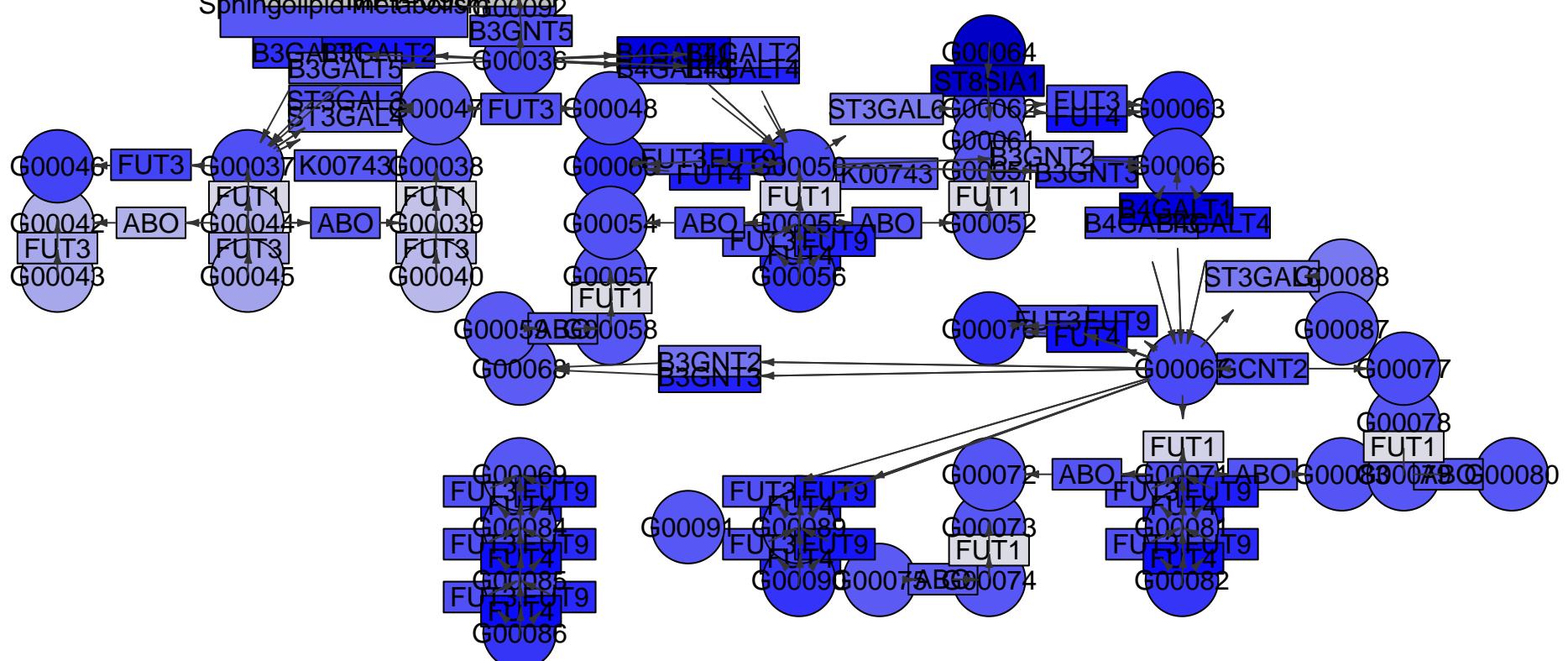


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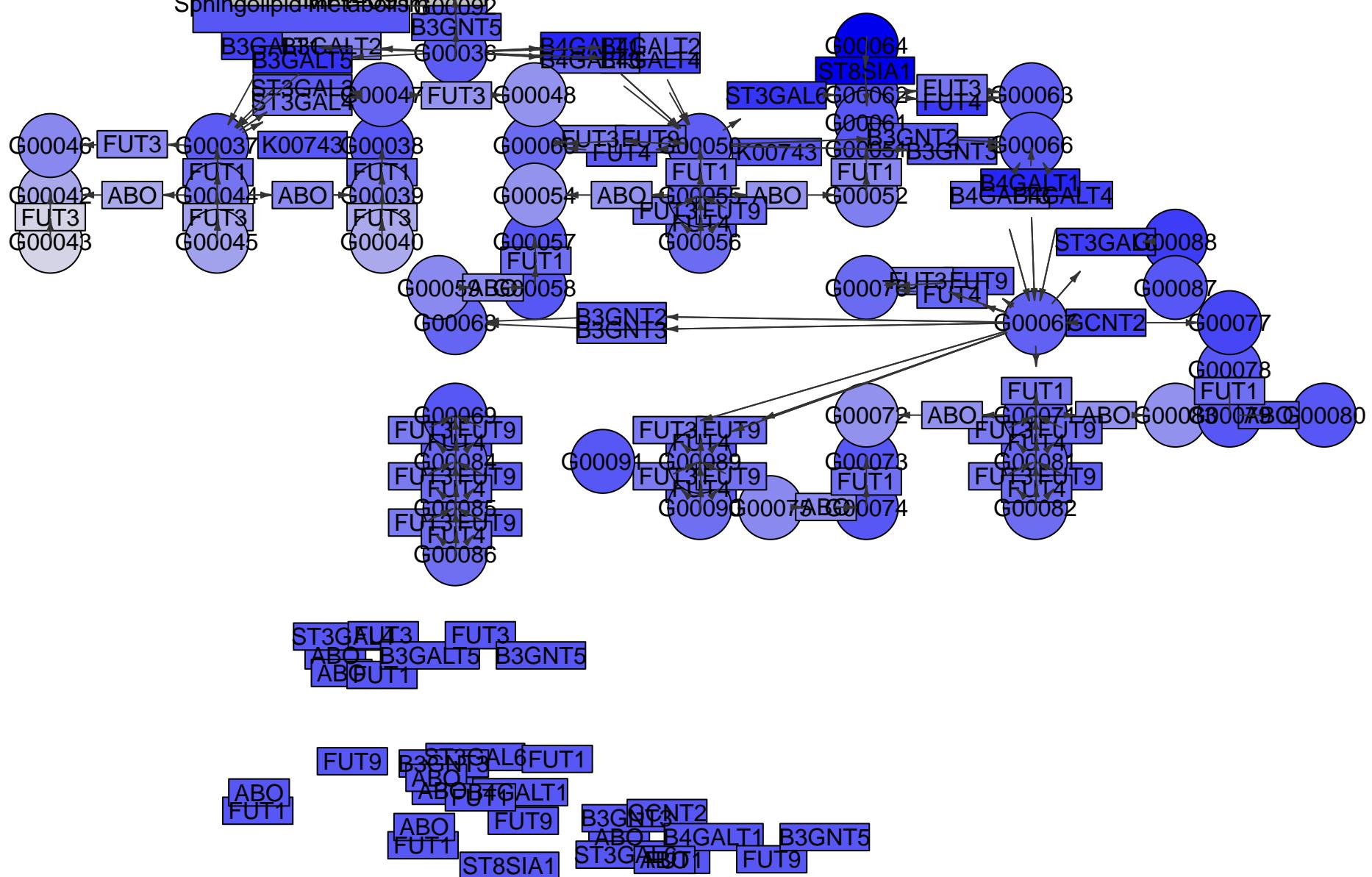


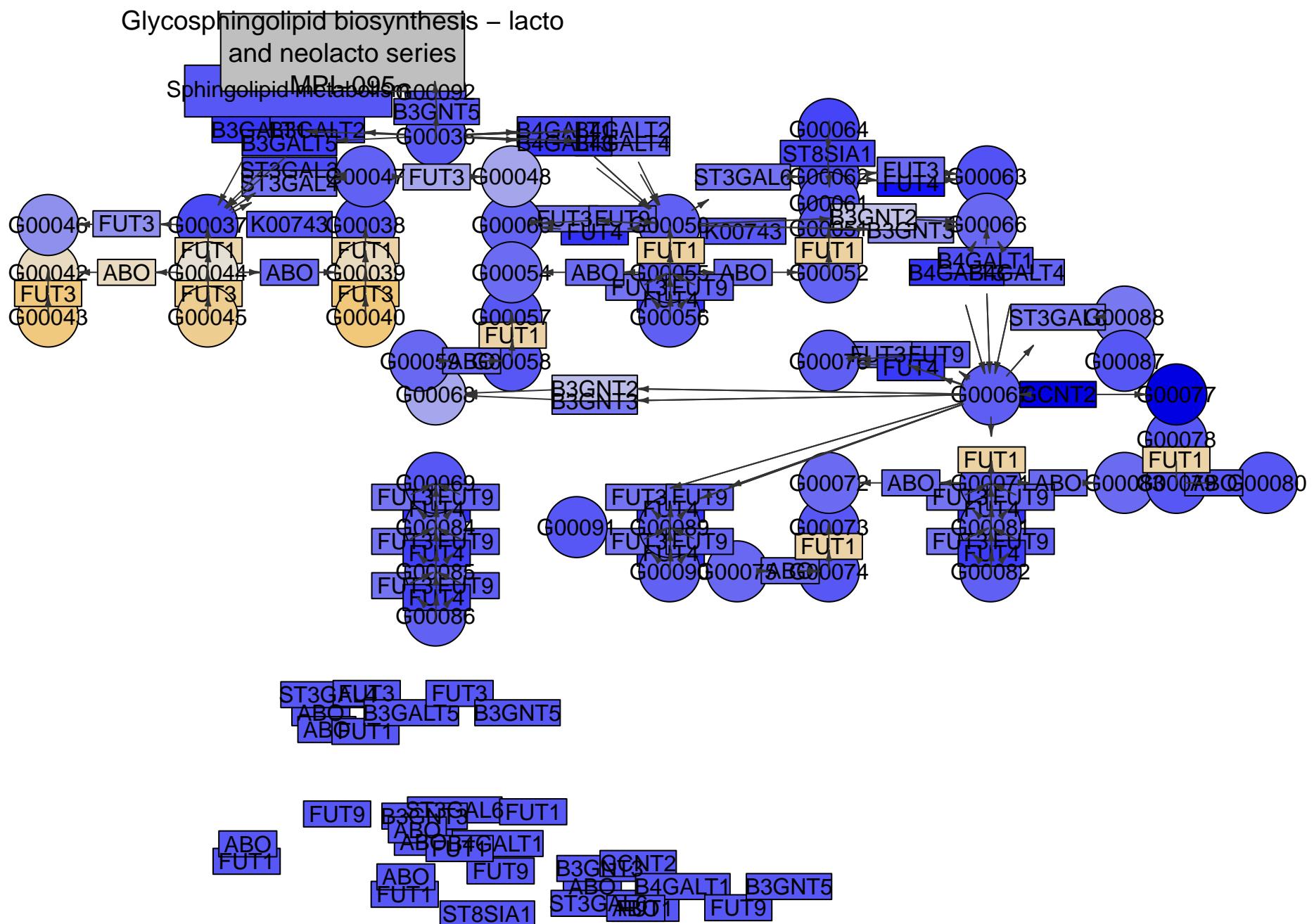


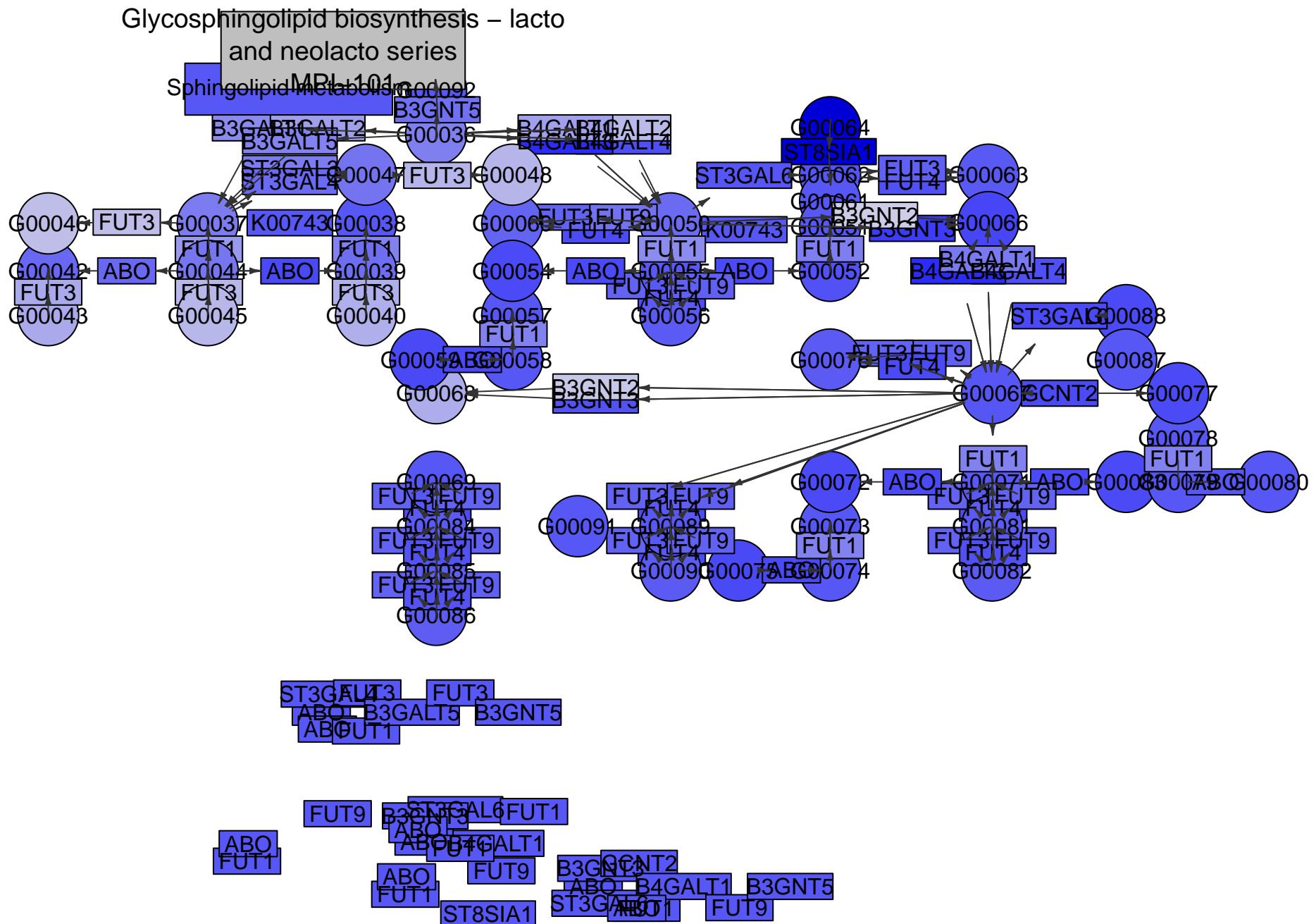
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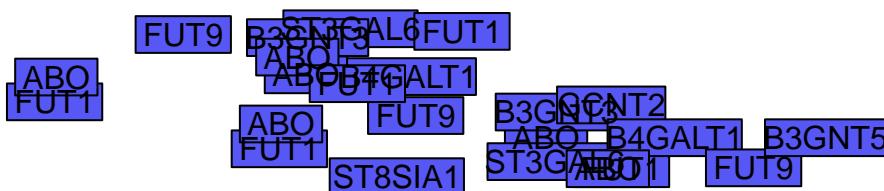
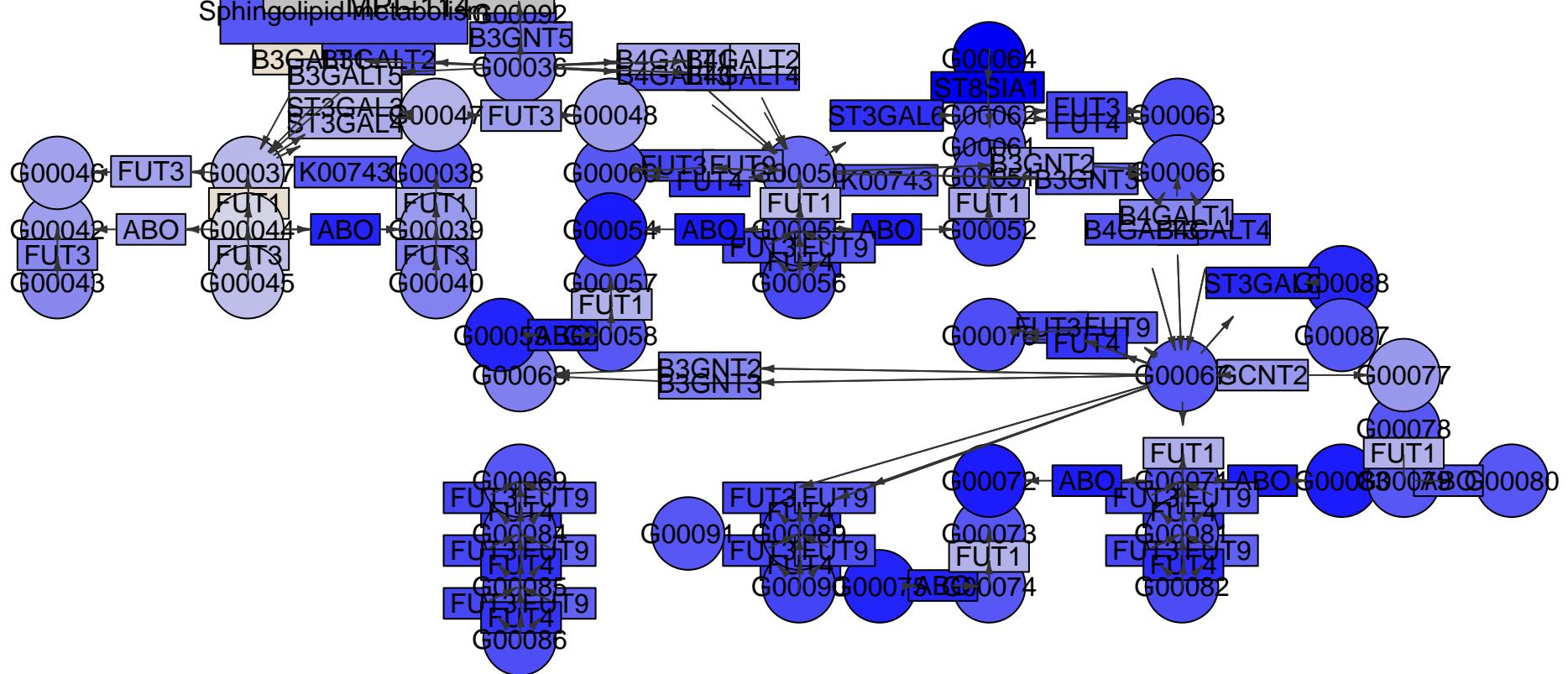
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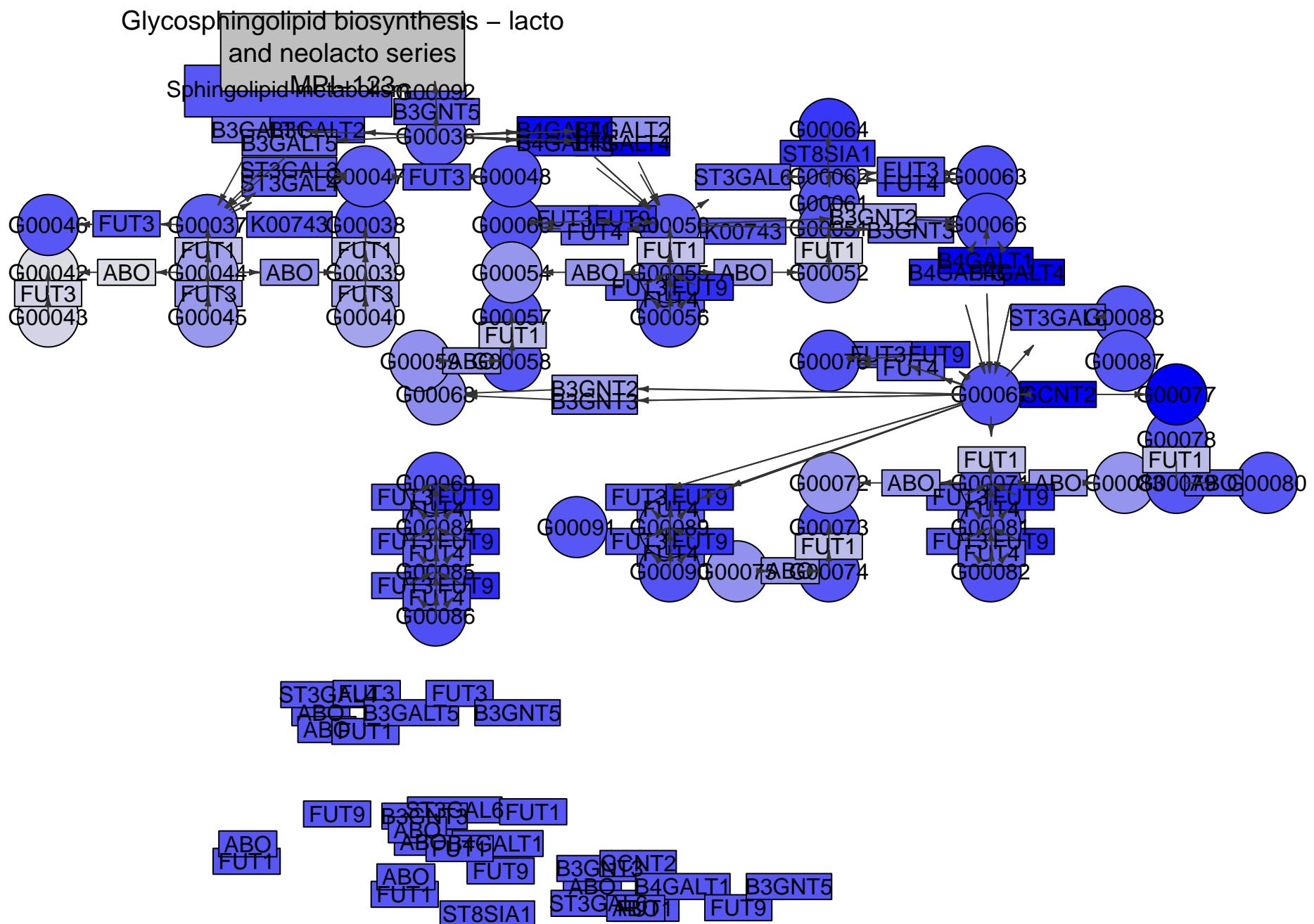




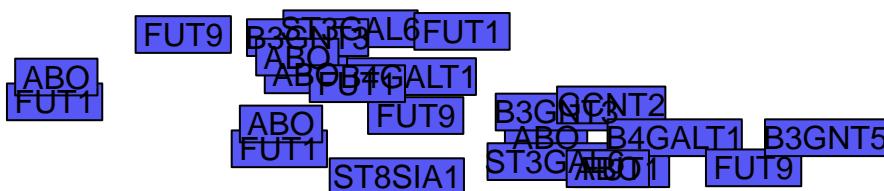
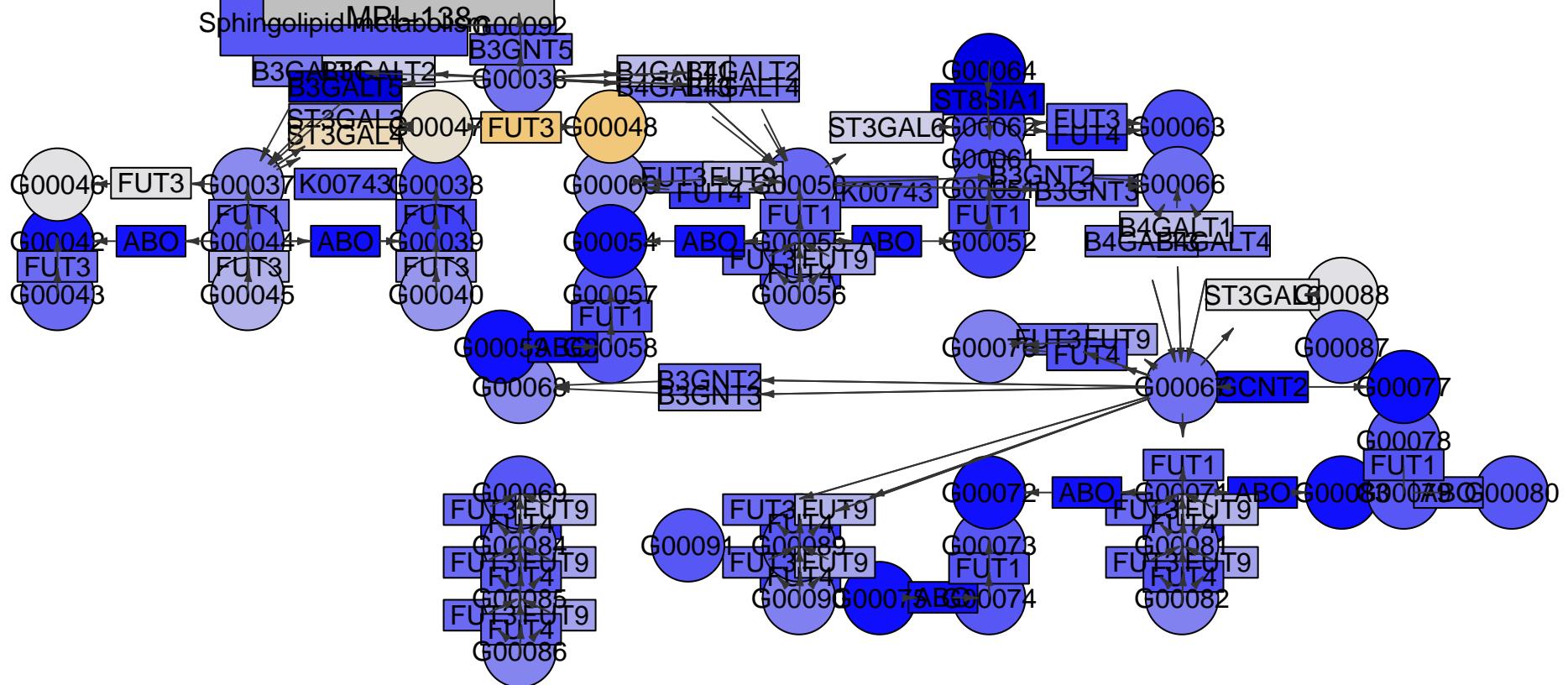


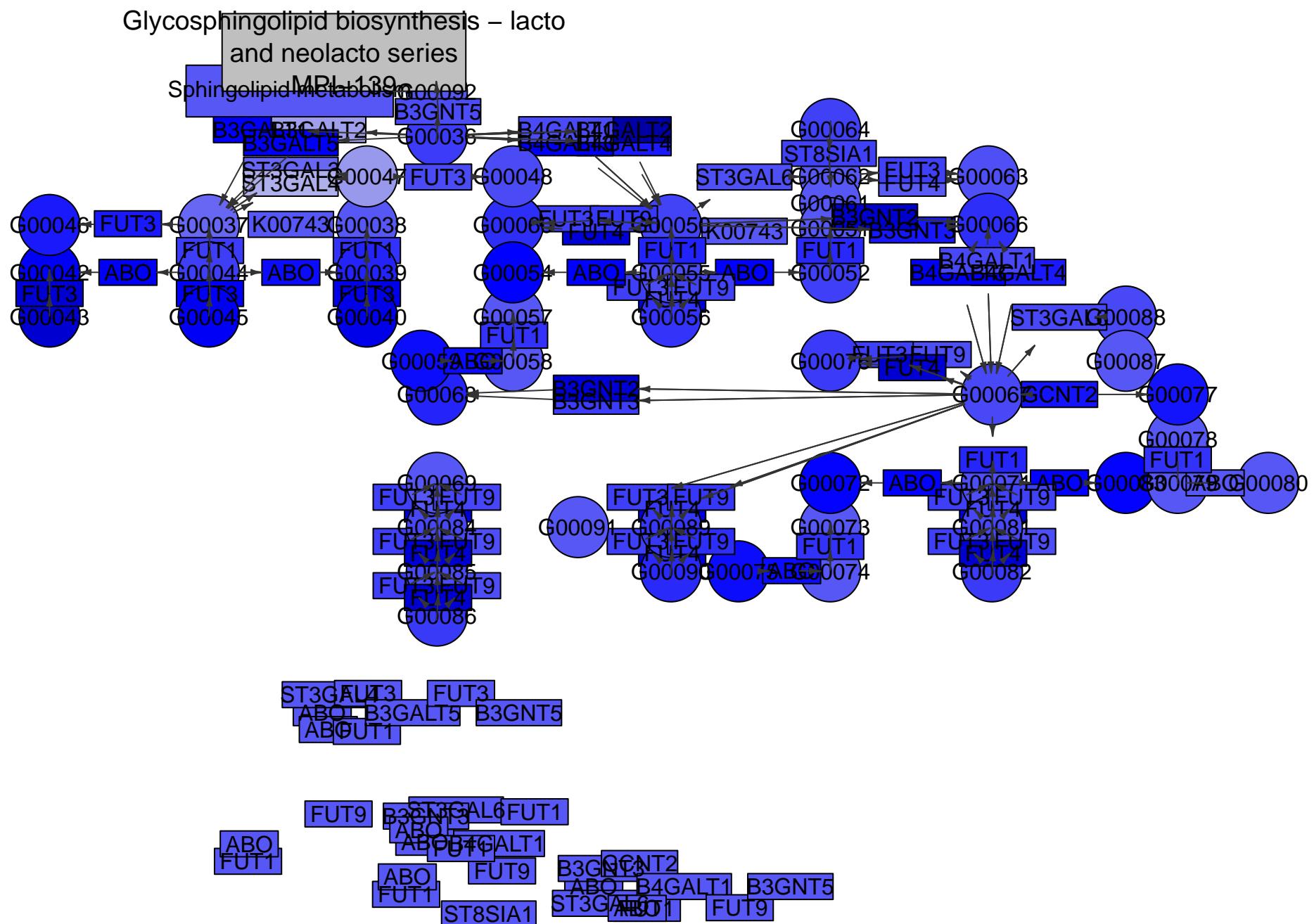
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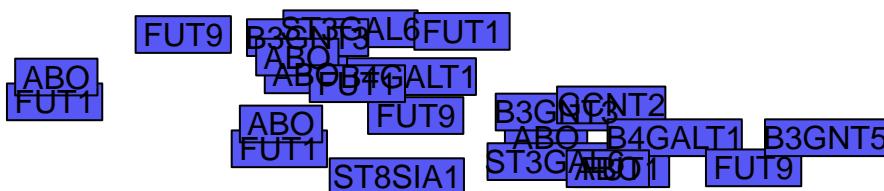
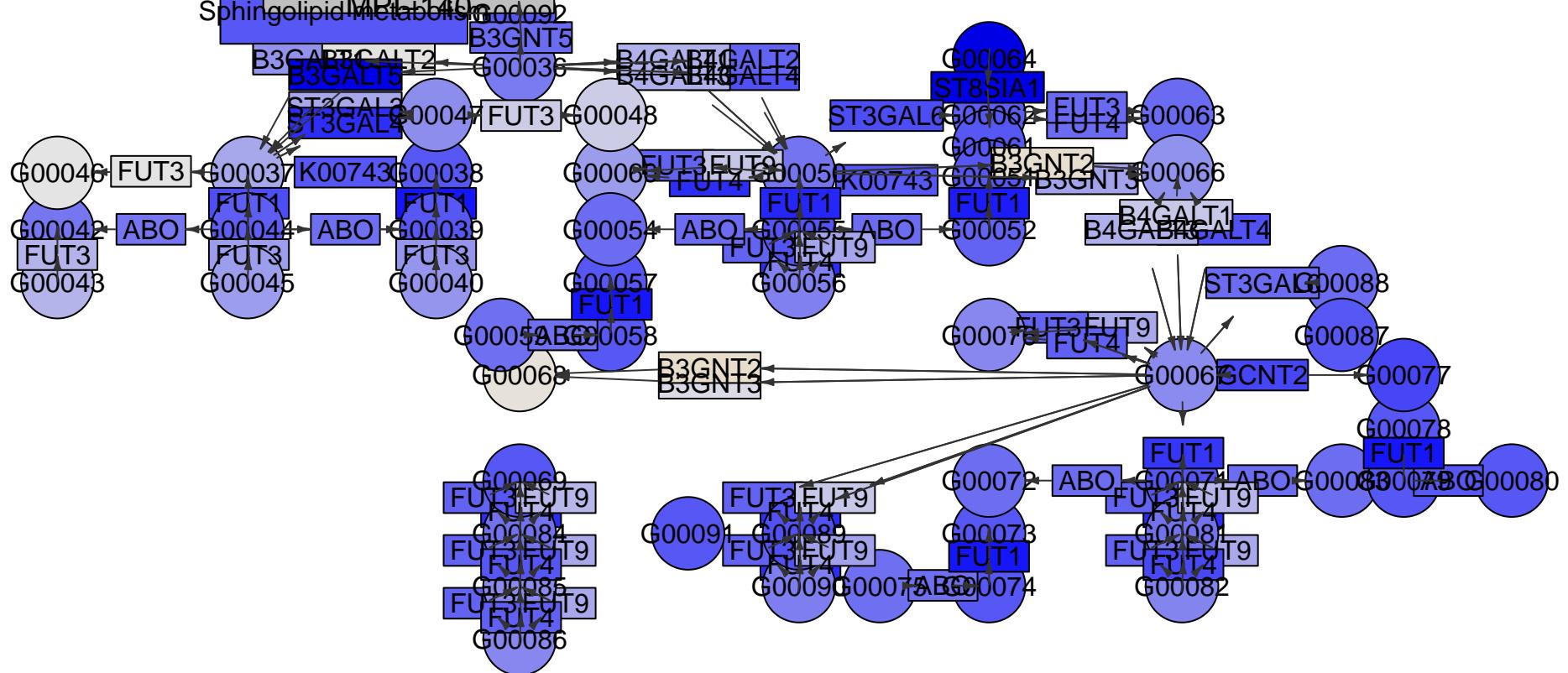


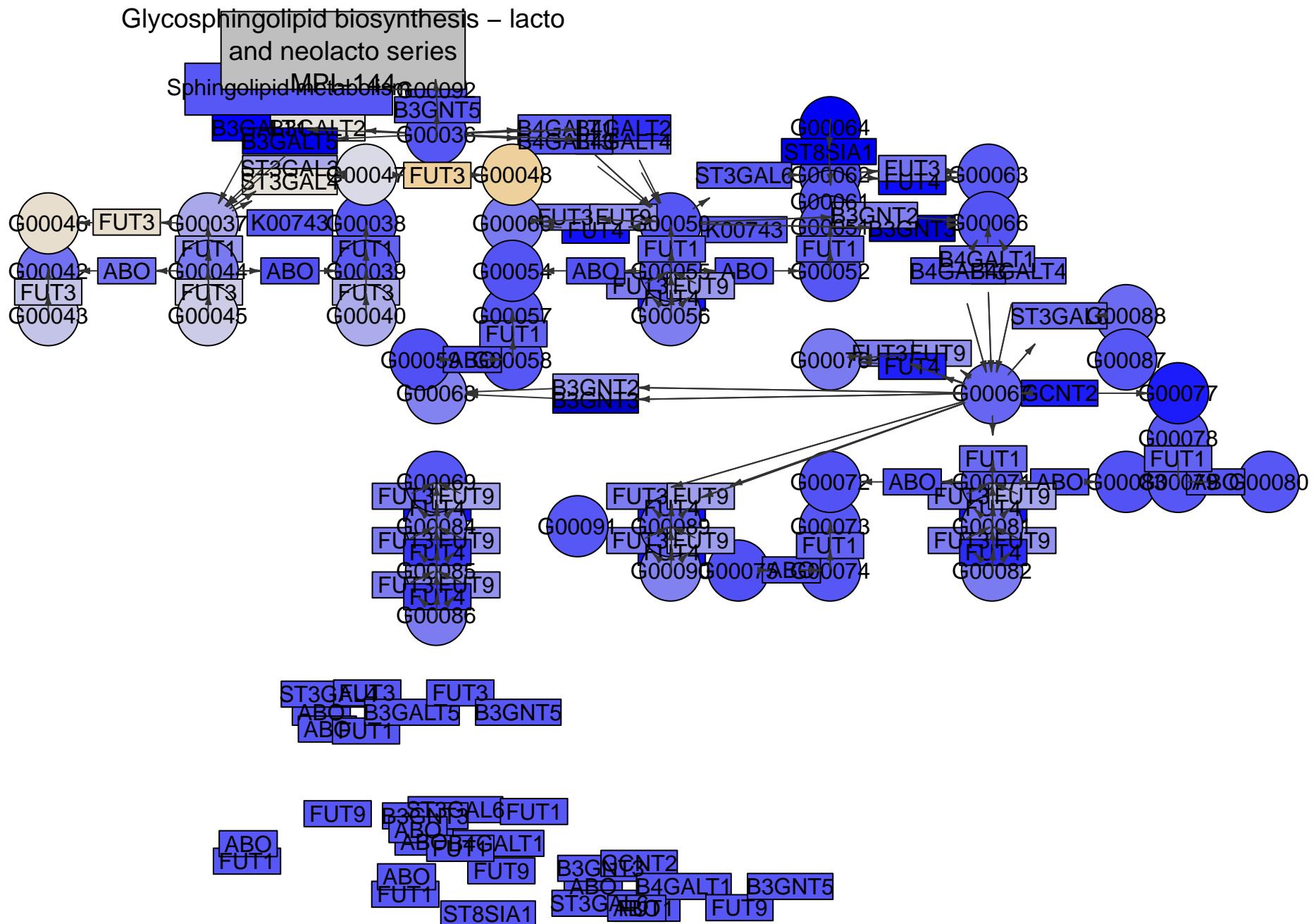
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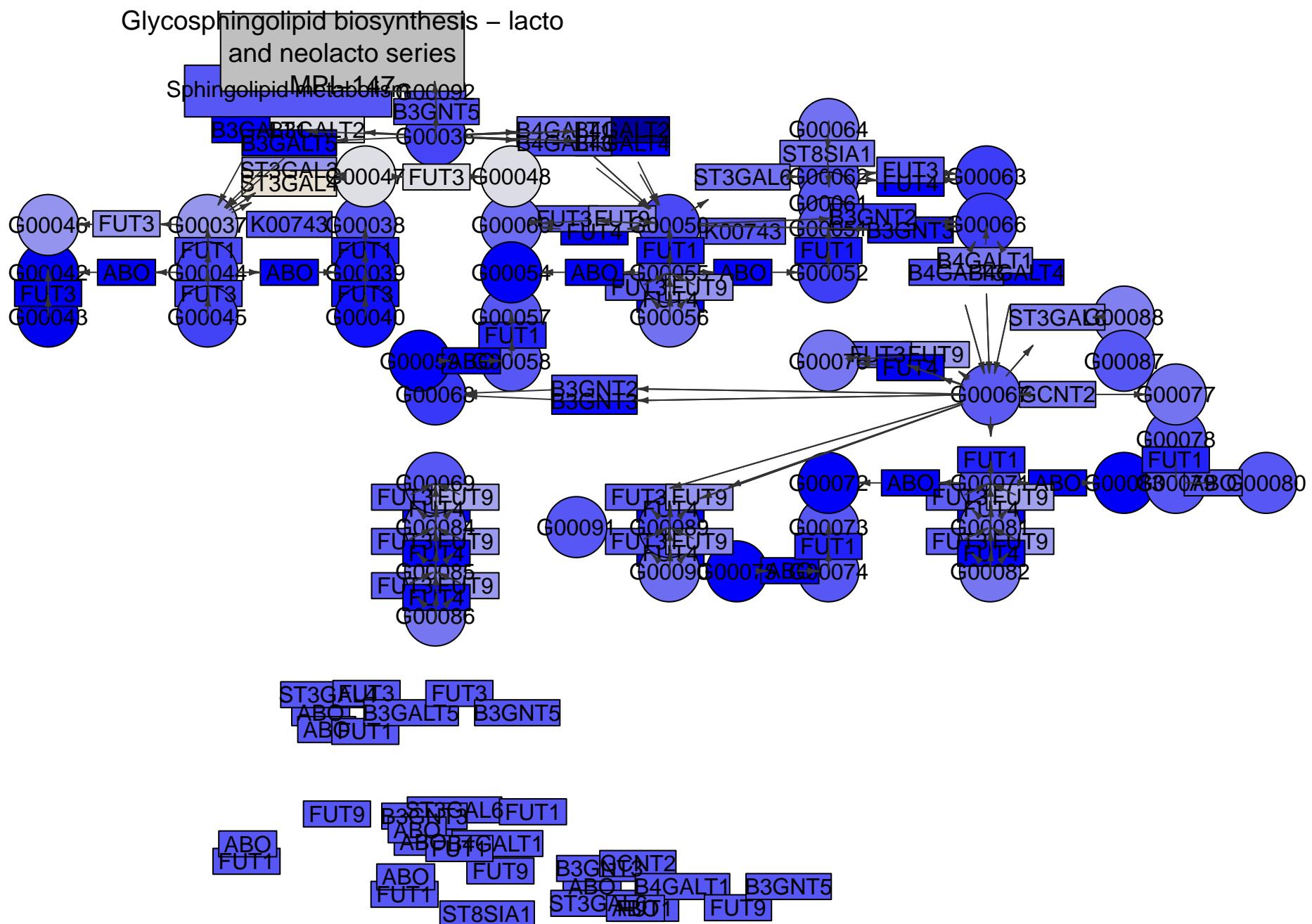


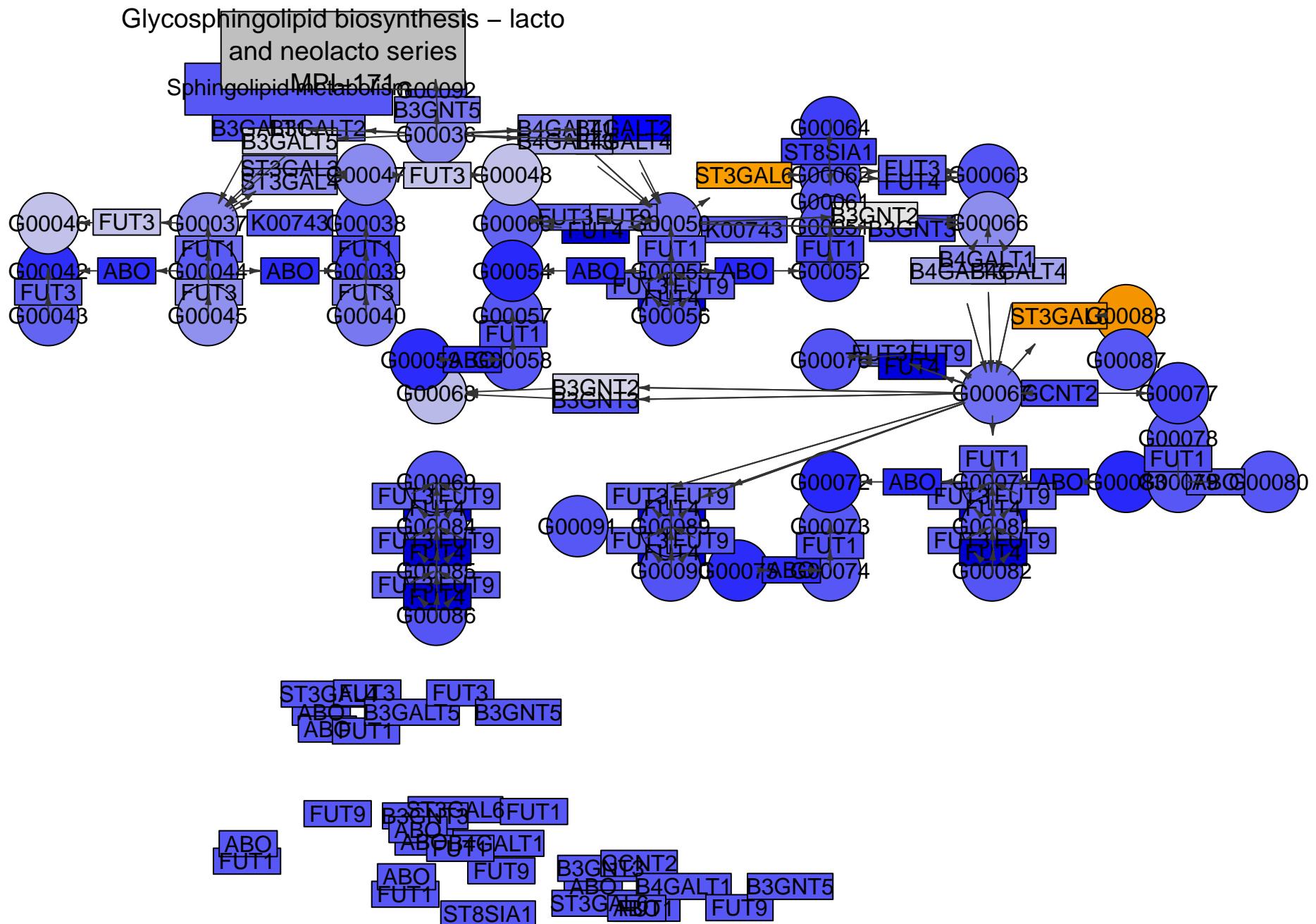


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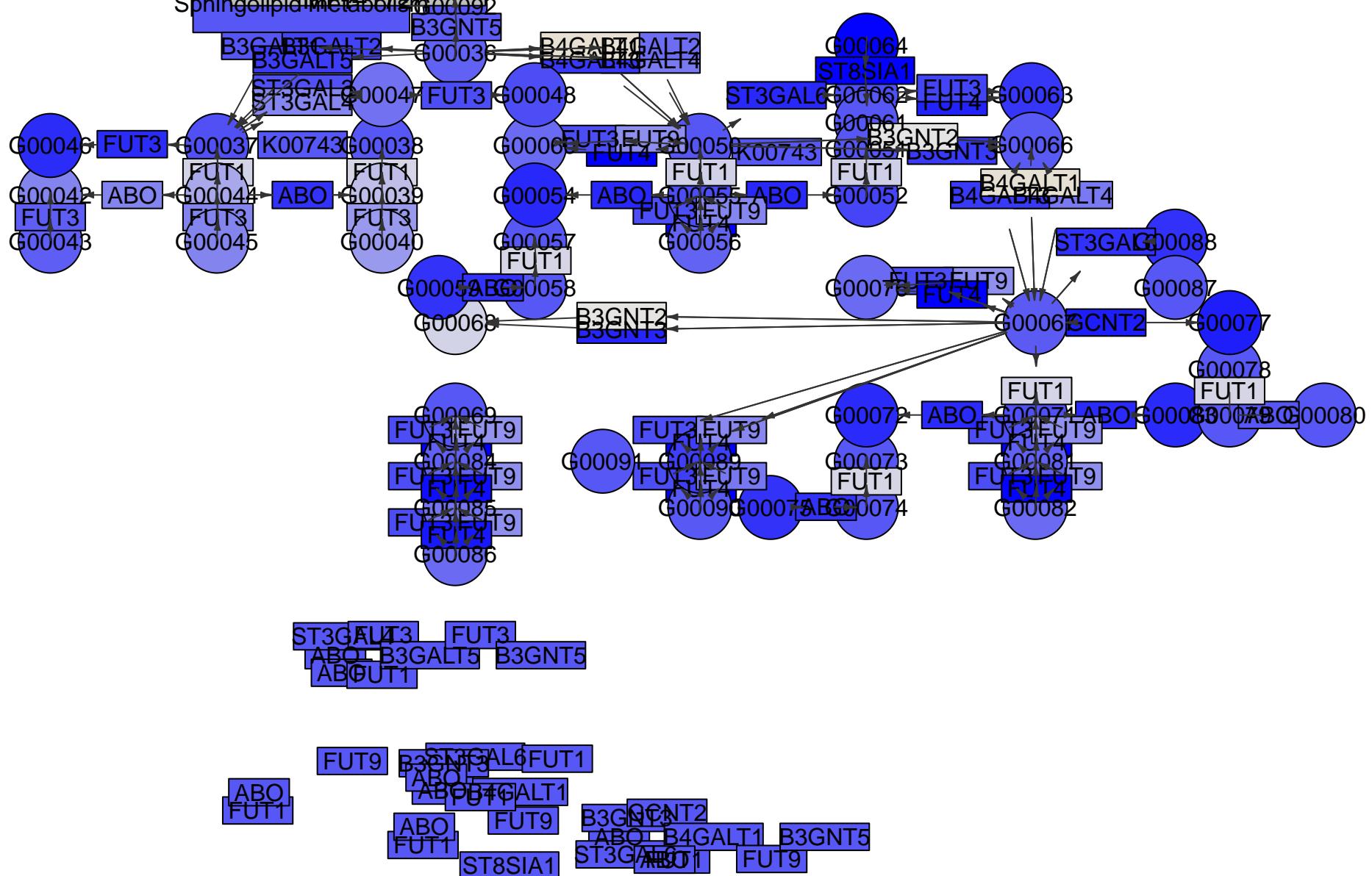


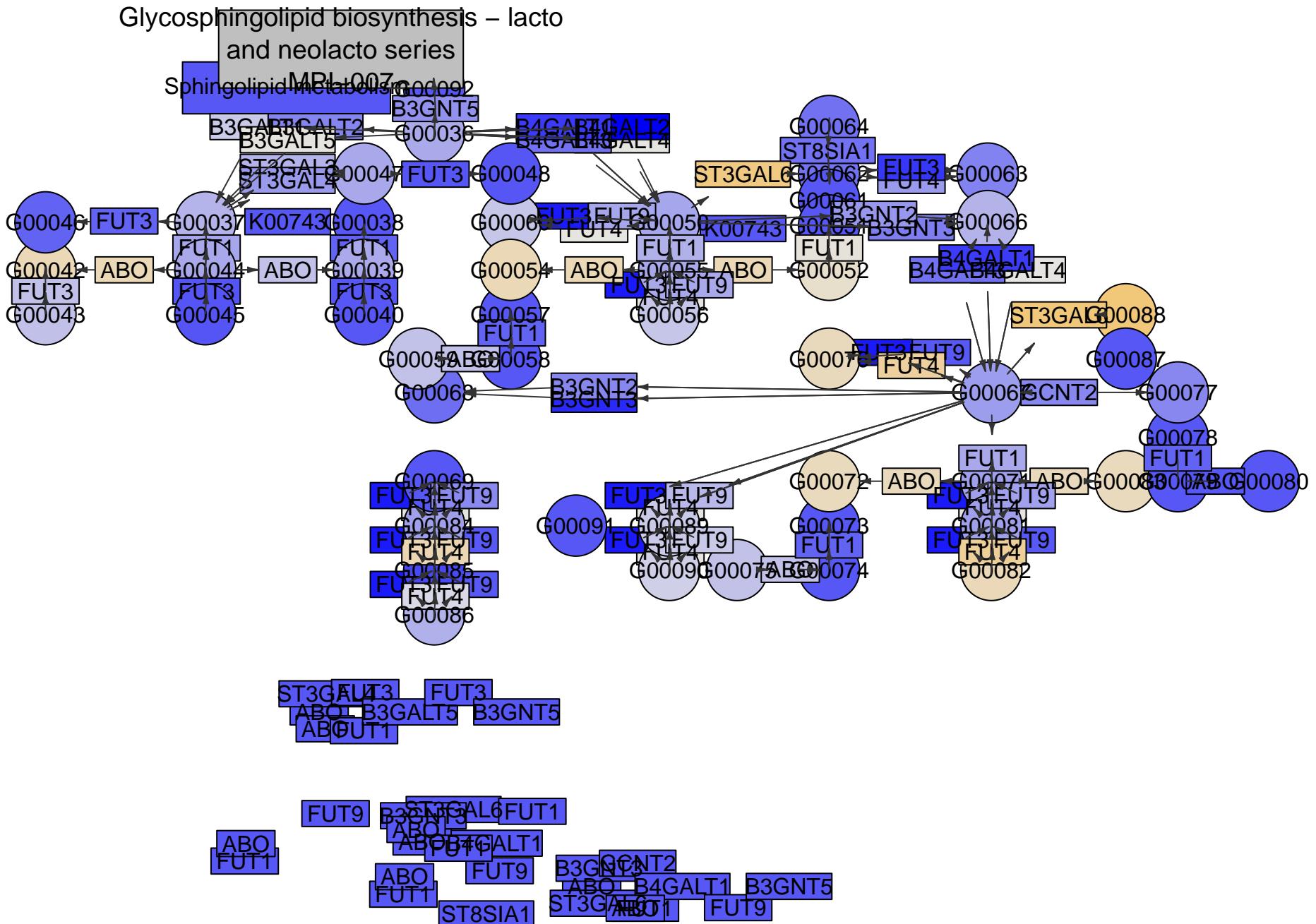




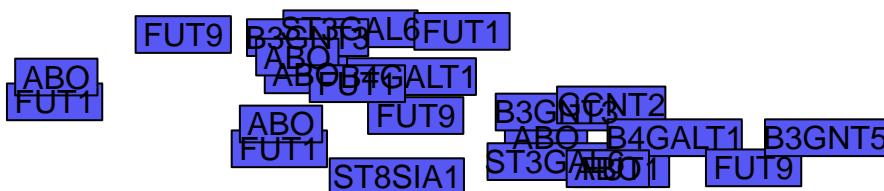
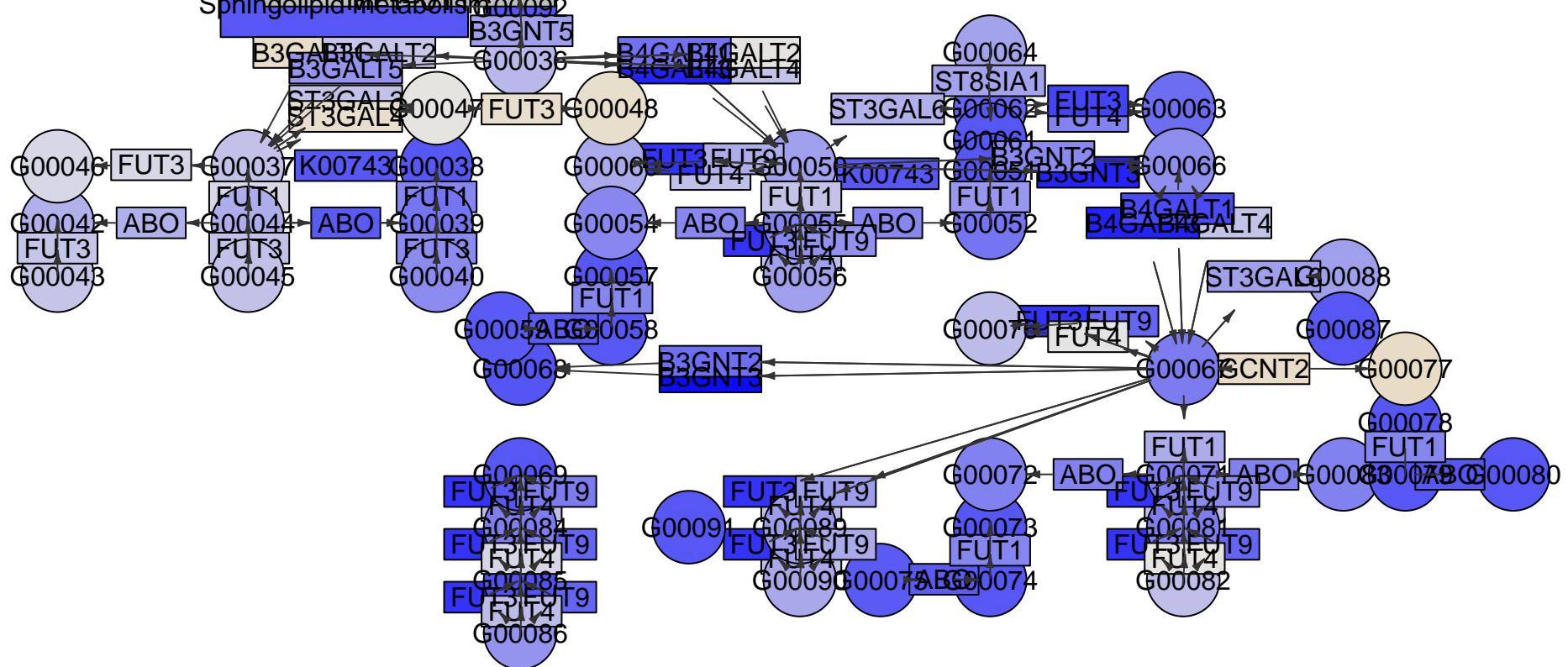


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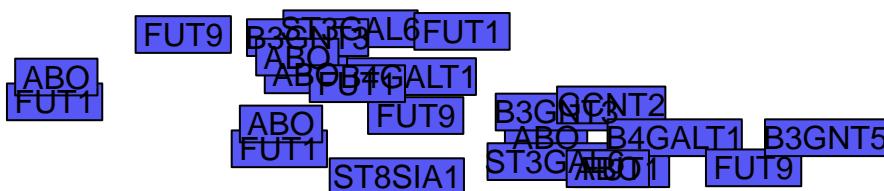
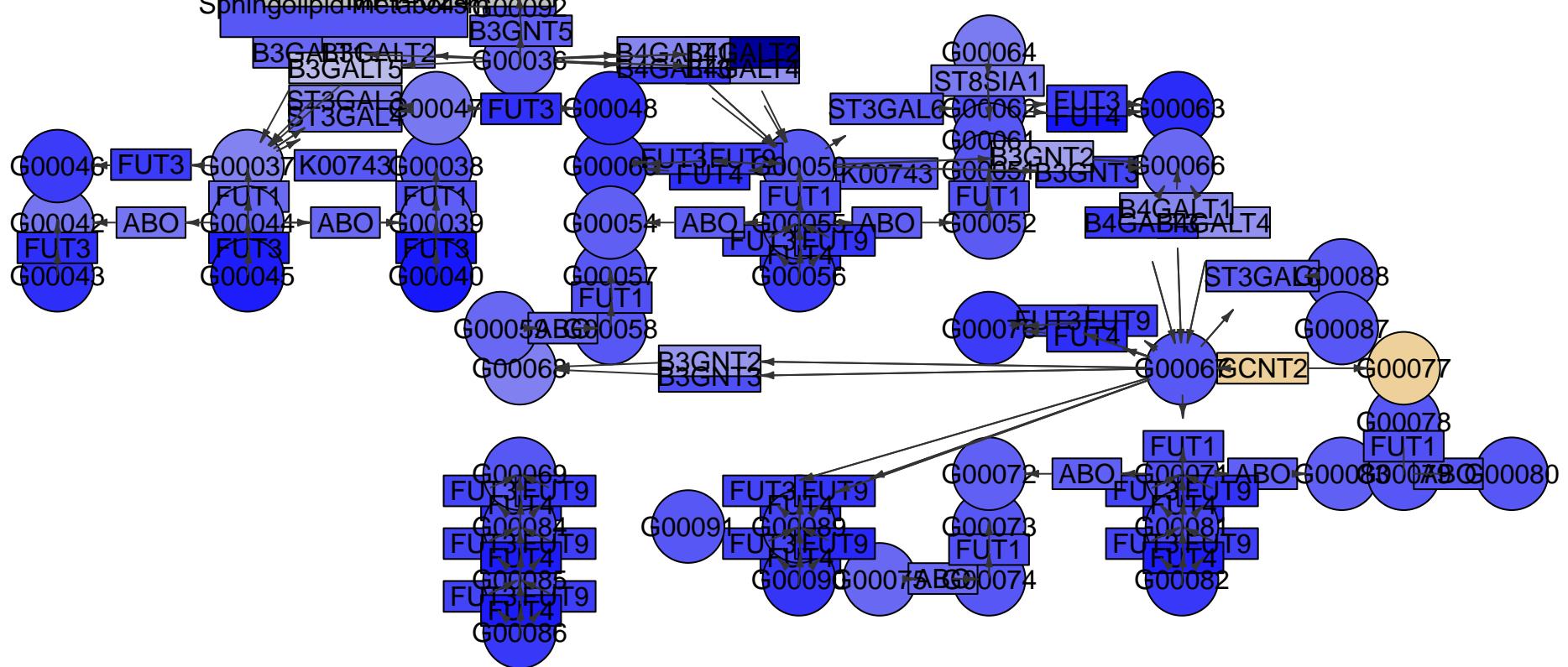




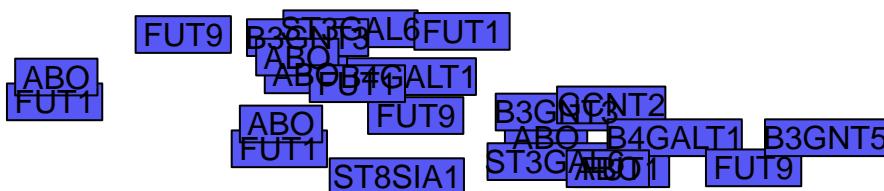
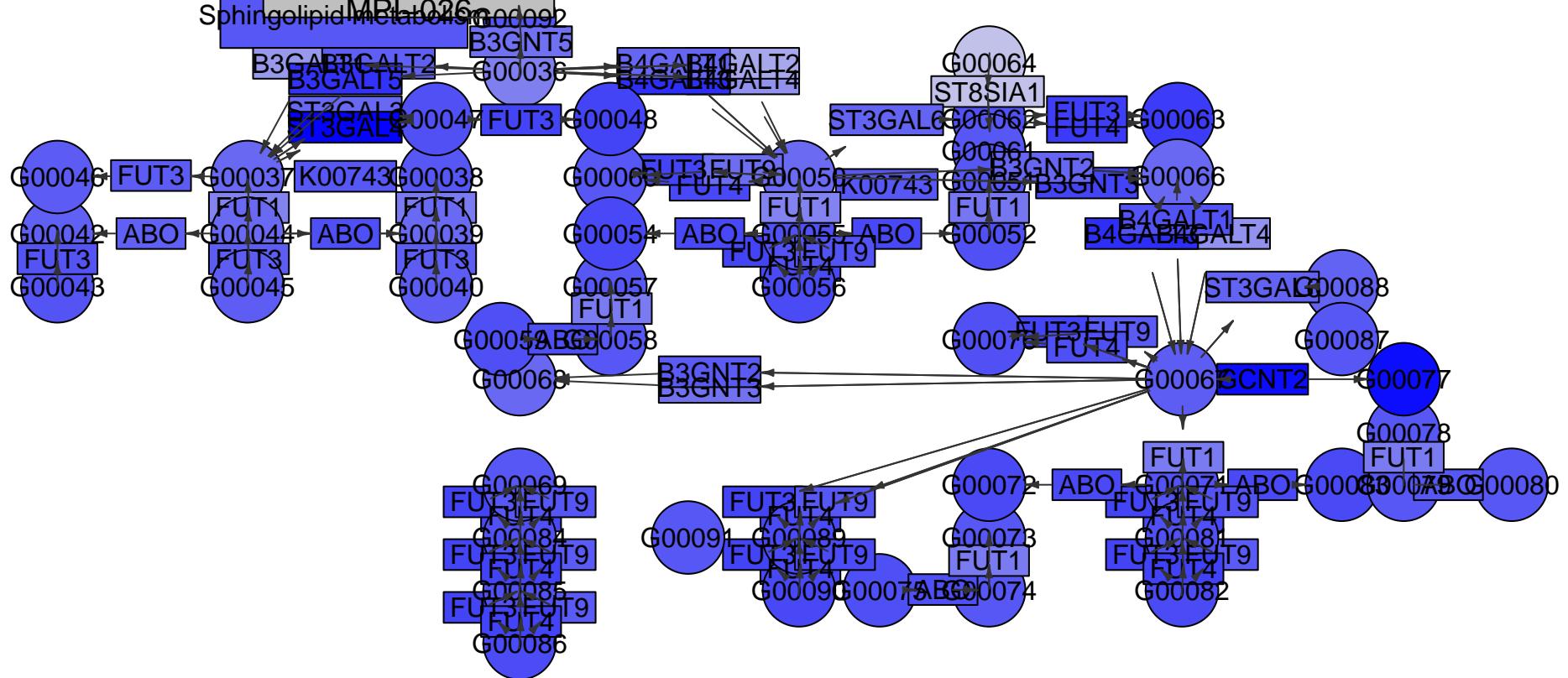
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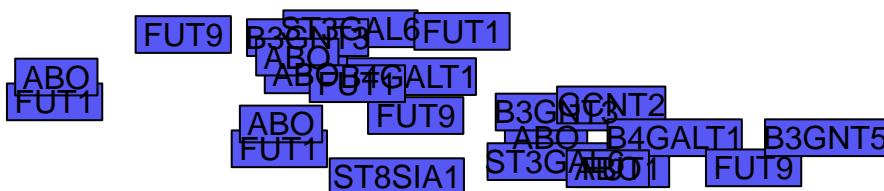
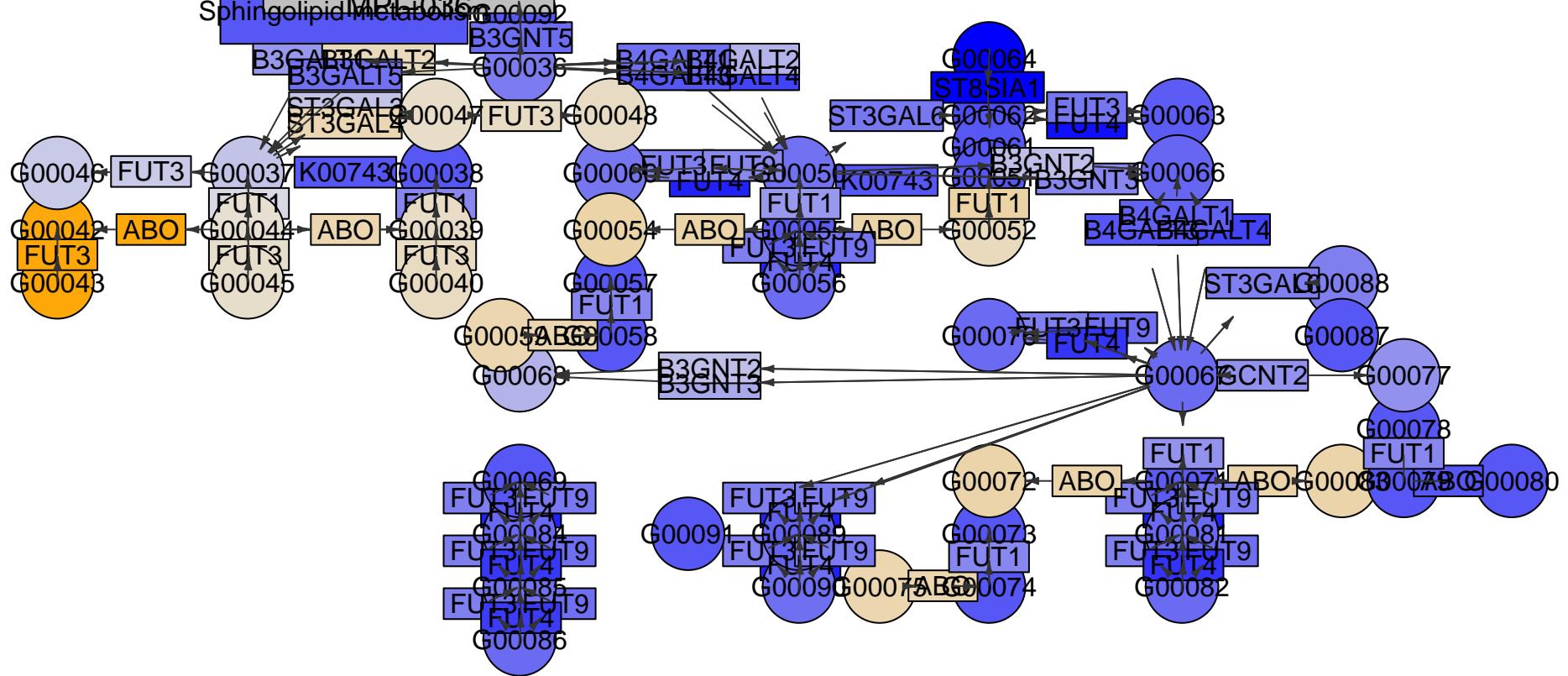
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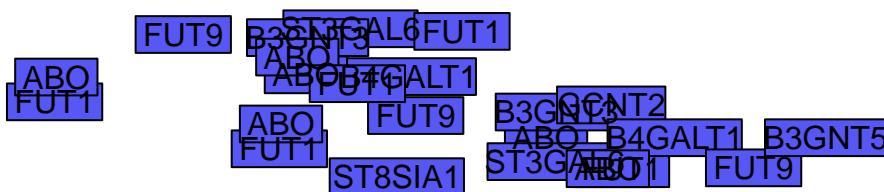
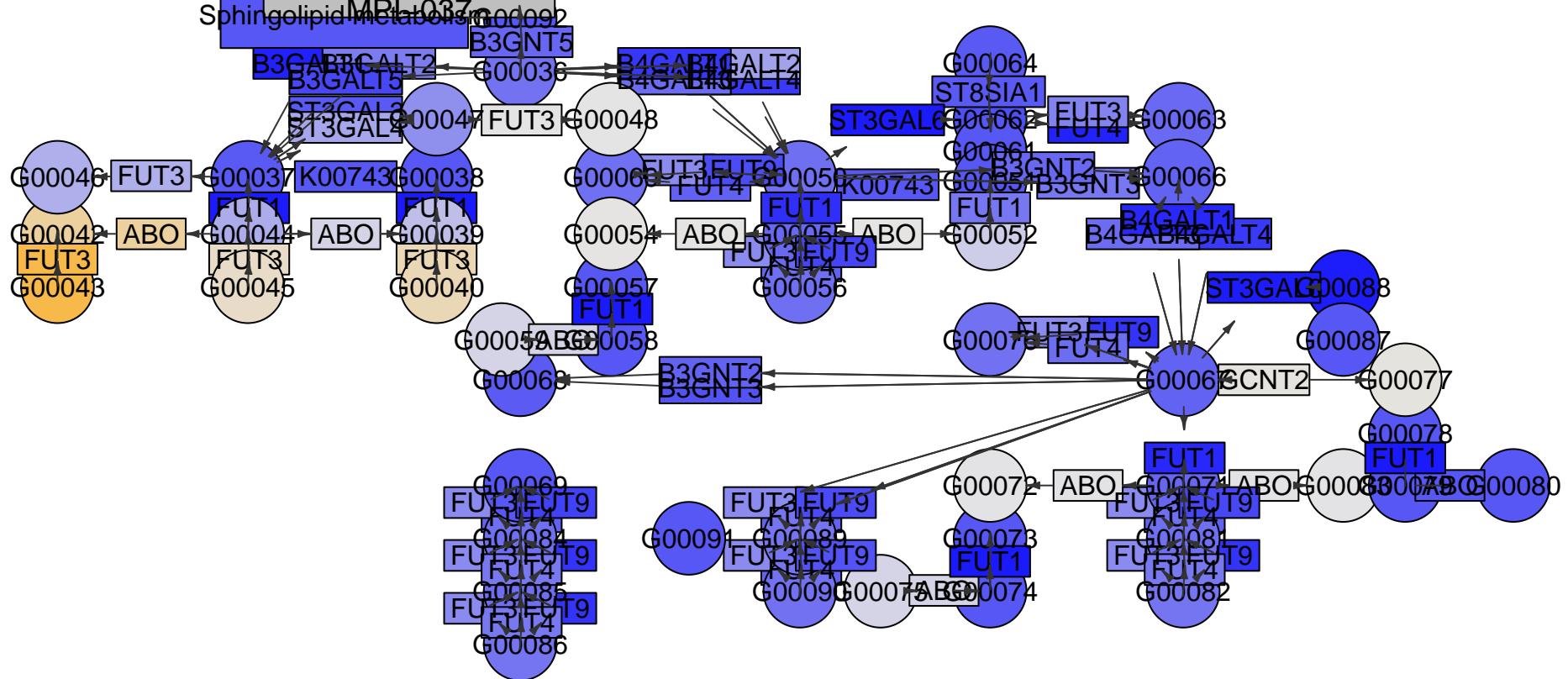
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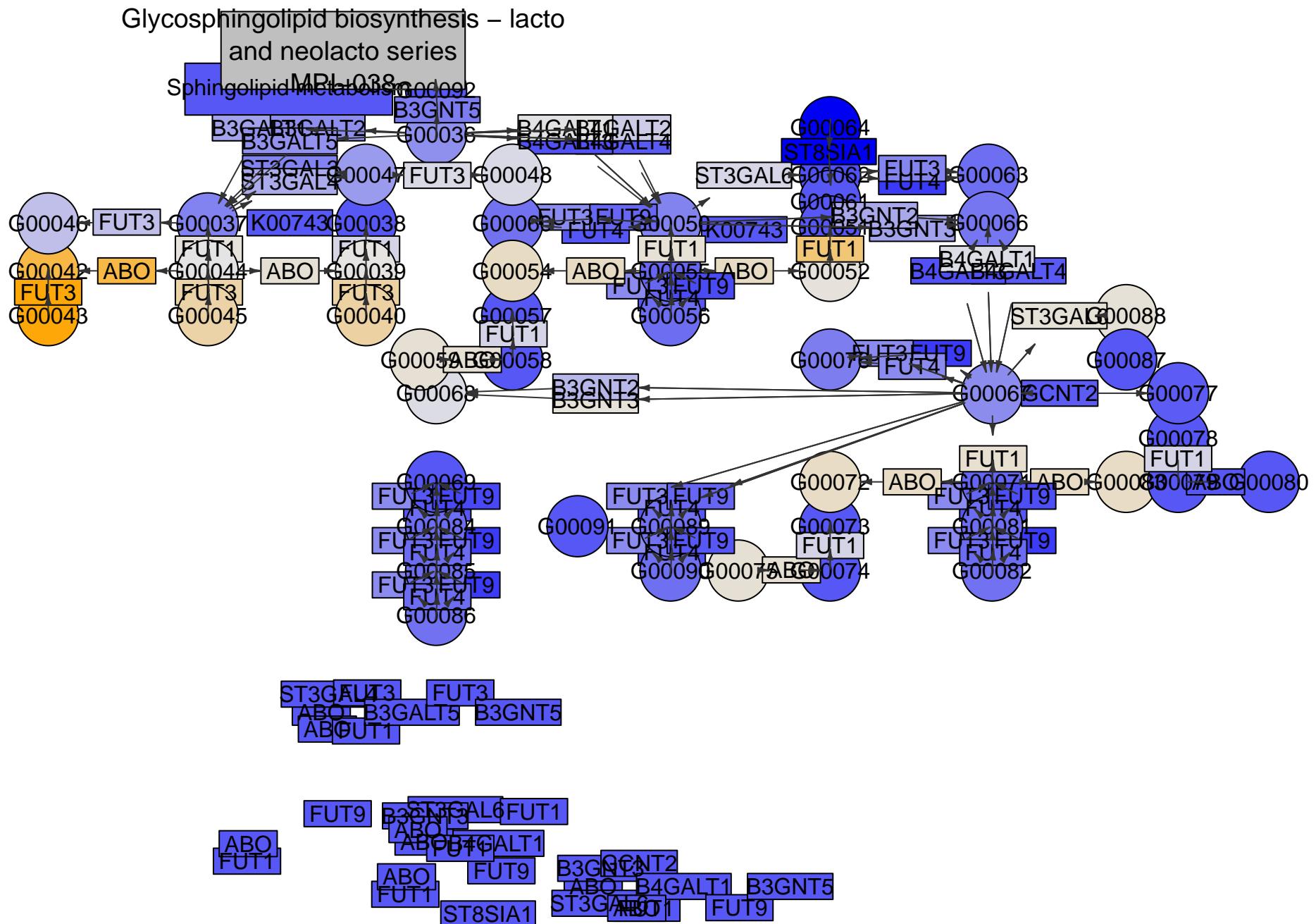


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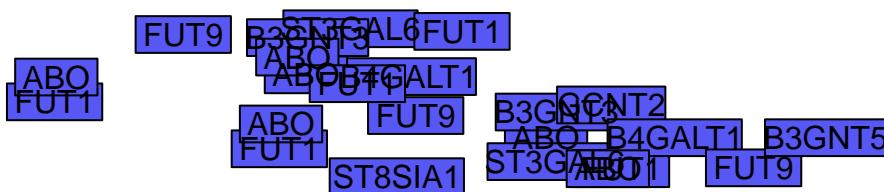
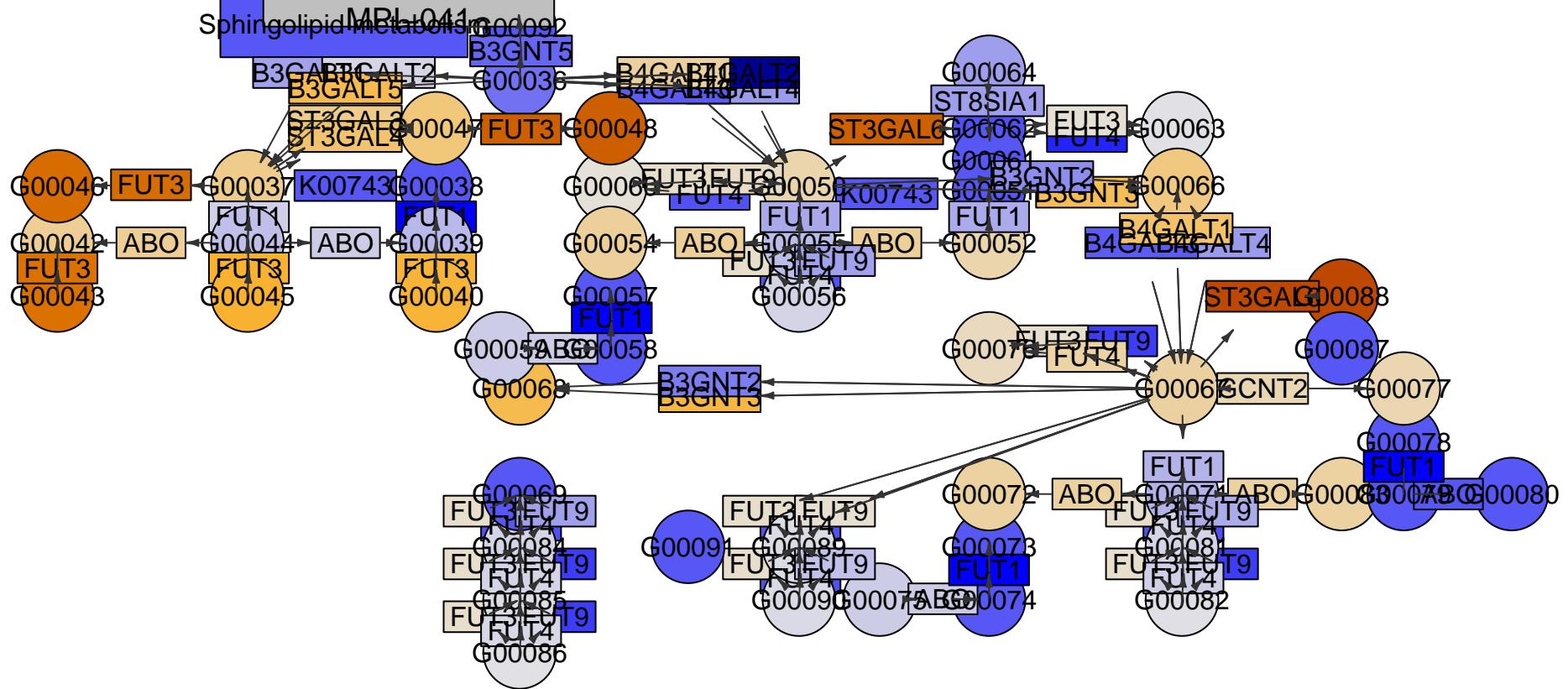


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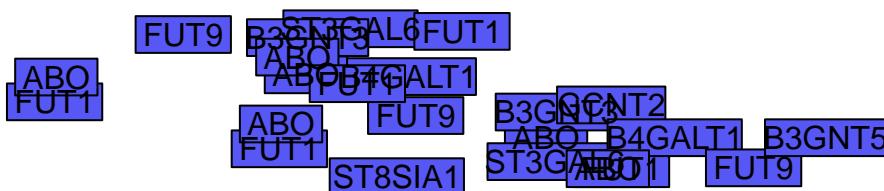
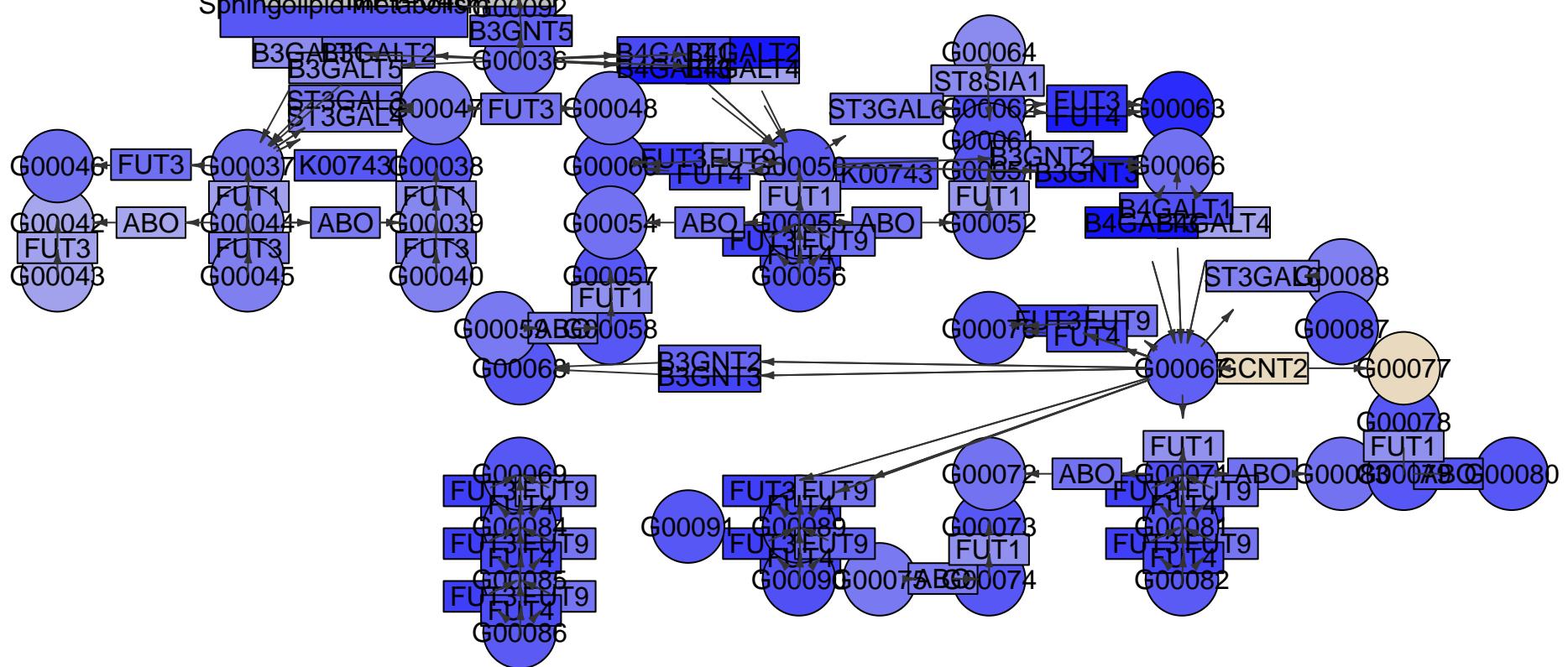


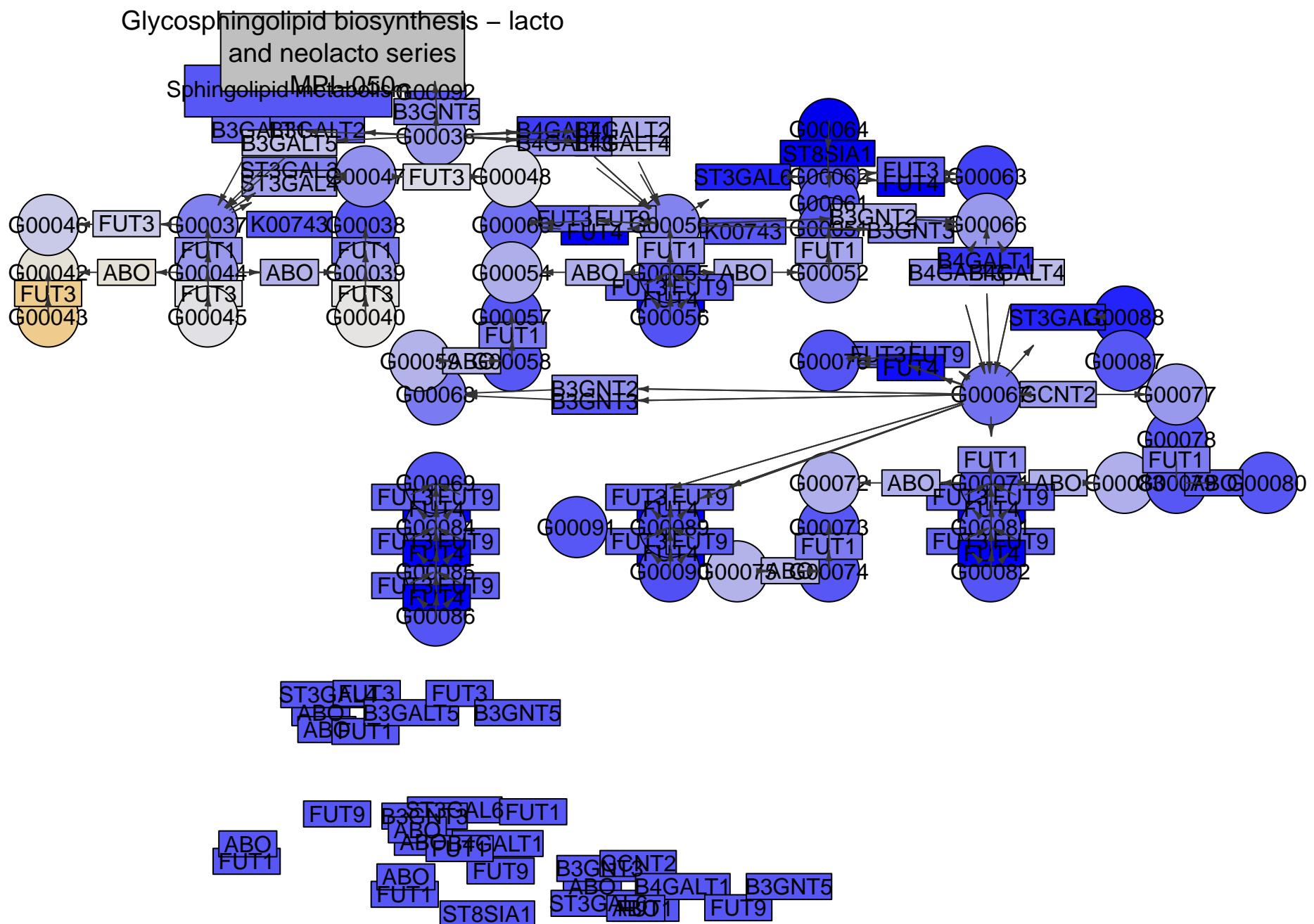


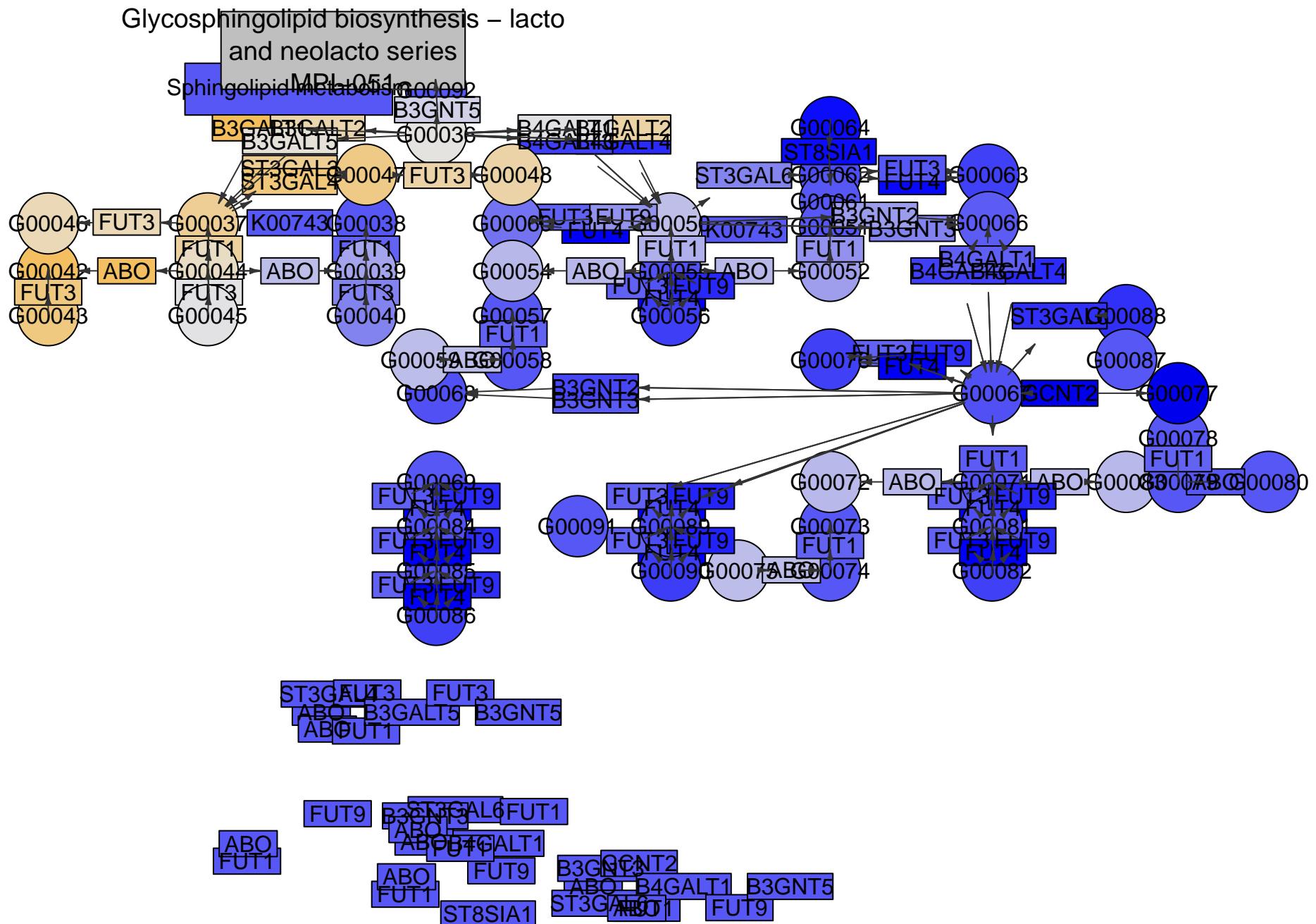
Glycosphingolipid biosynthesis – lacto and neolacto series



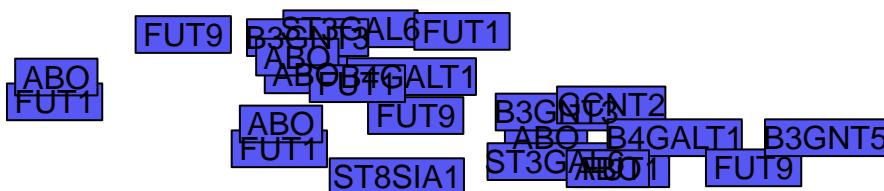
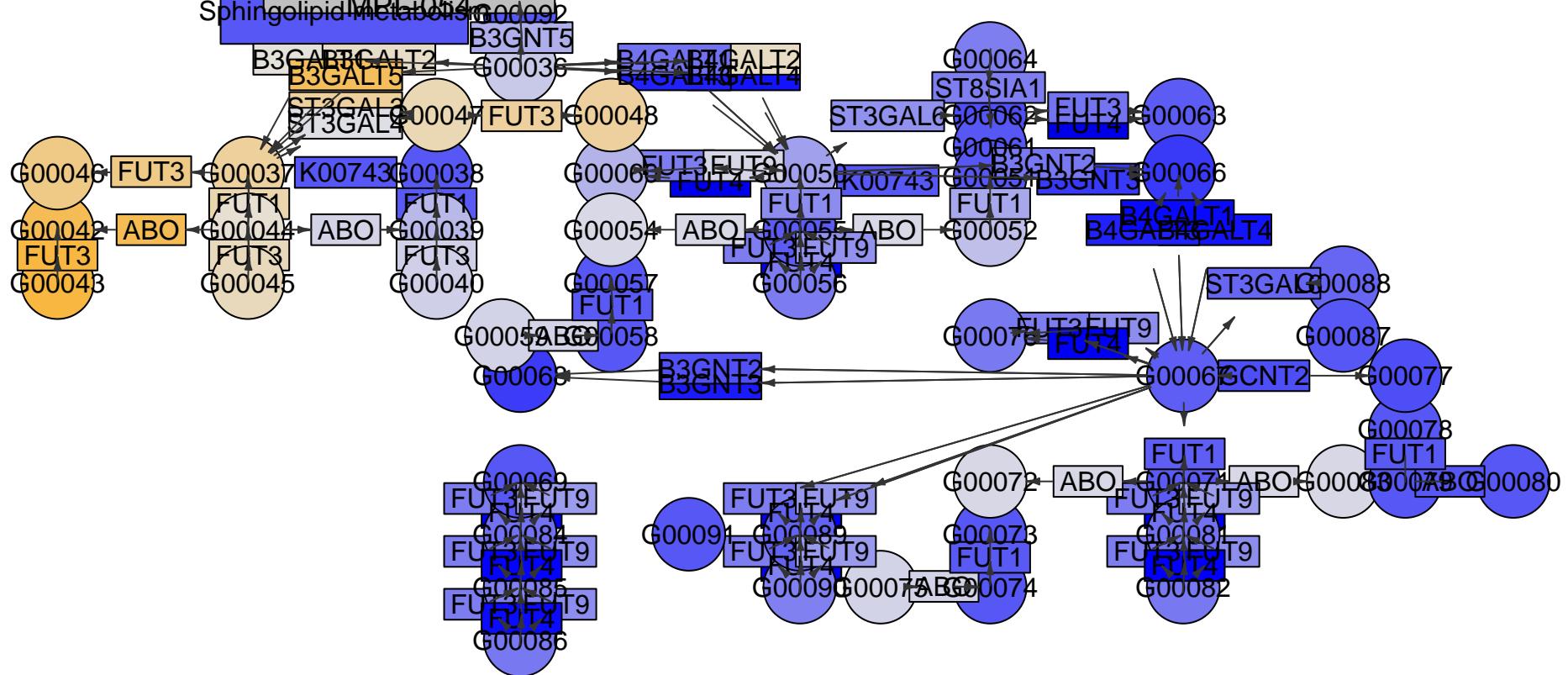
Glycosphingolipid biosynthesis – lacto and neolacto series



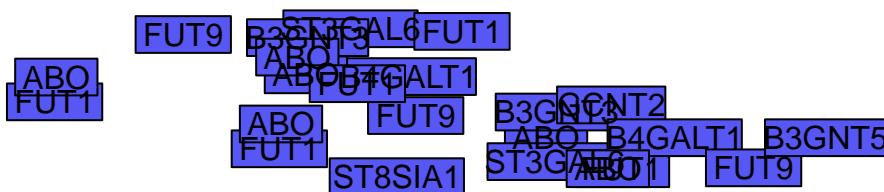
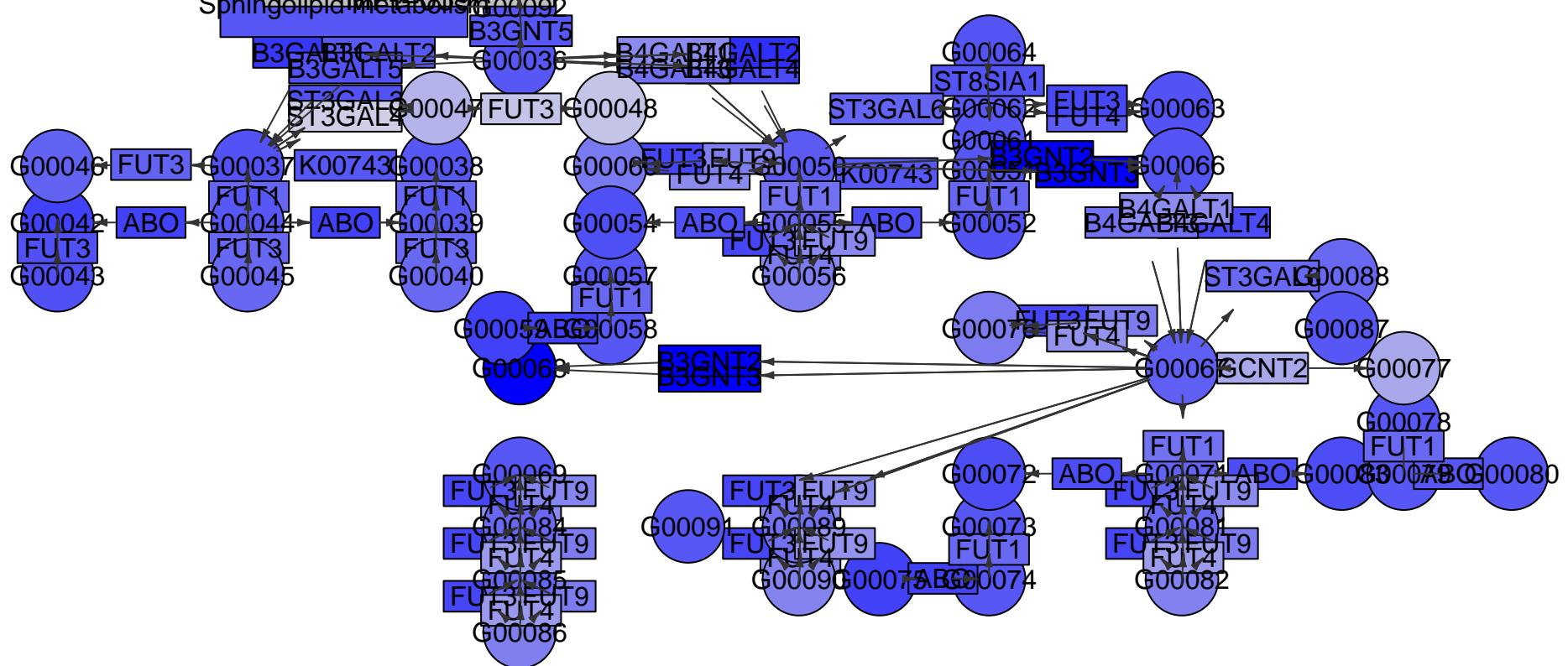


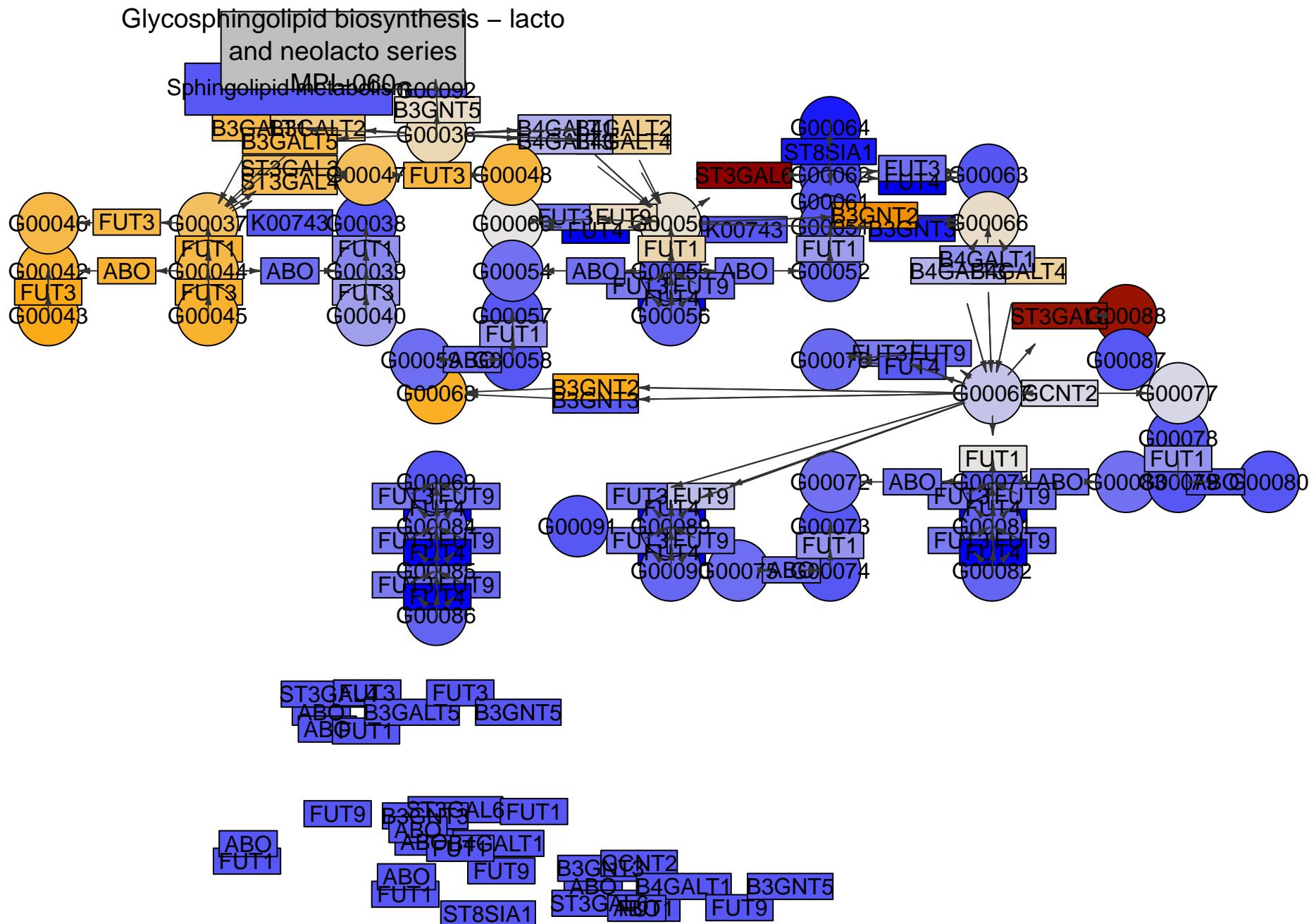


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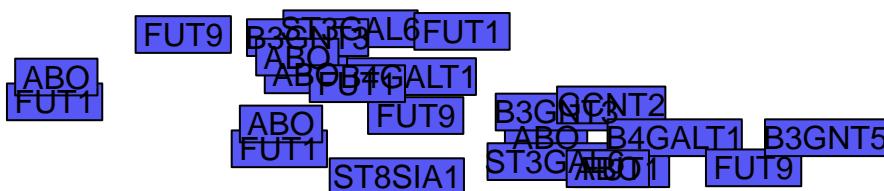
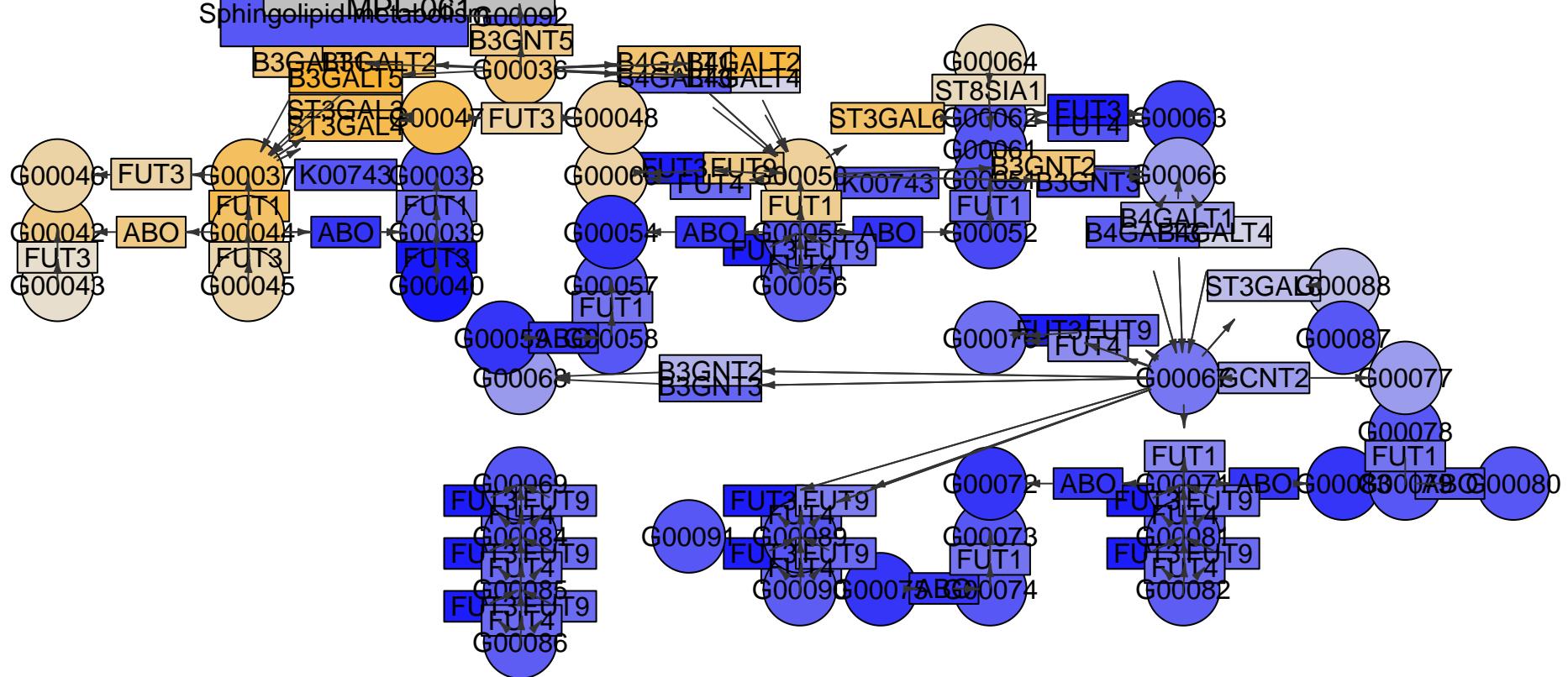


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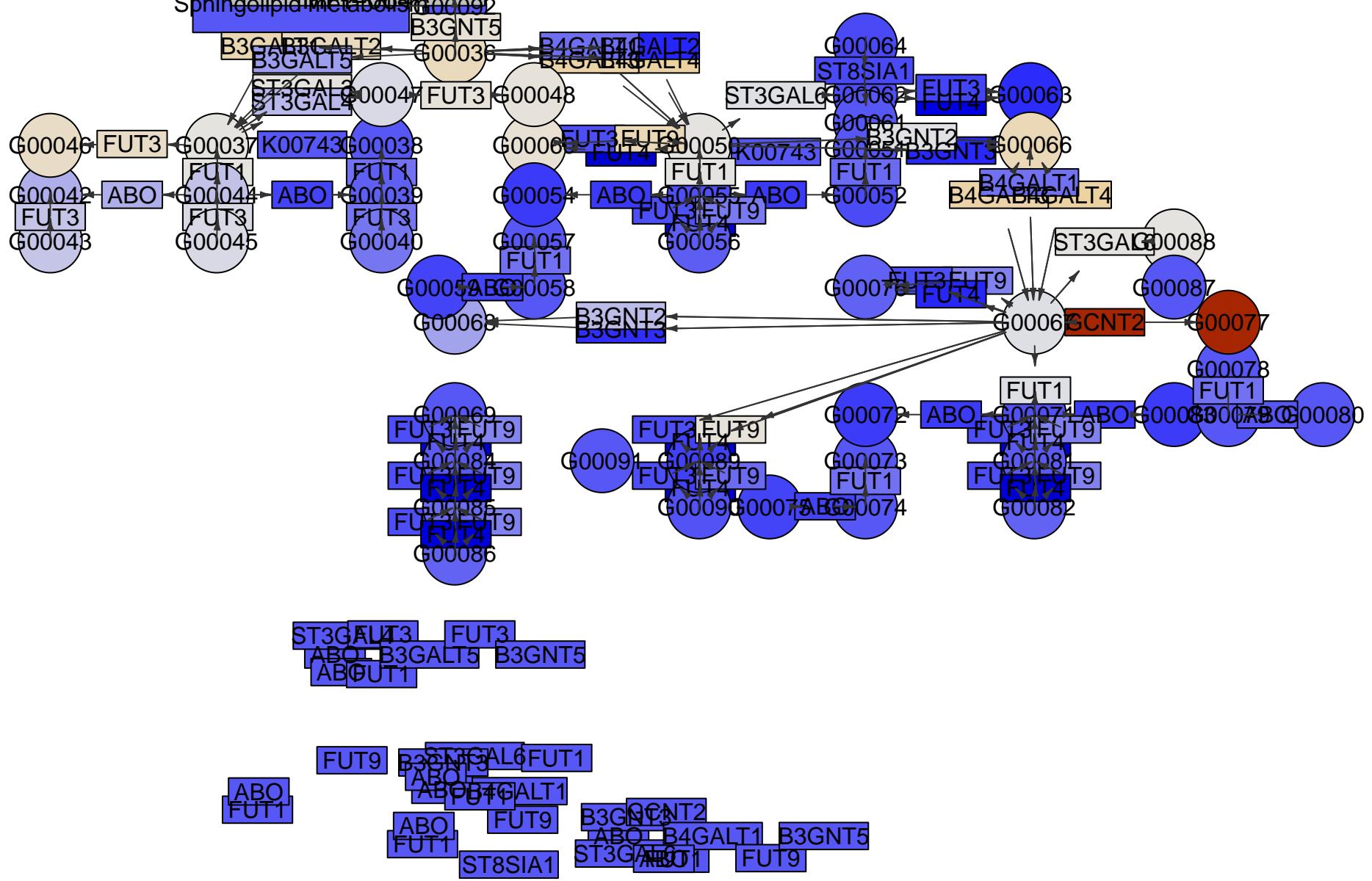




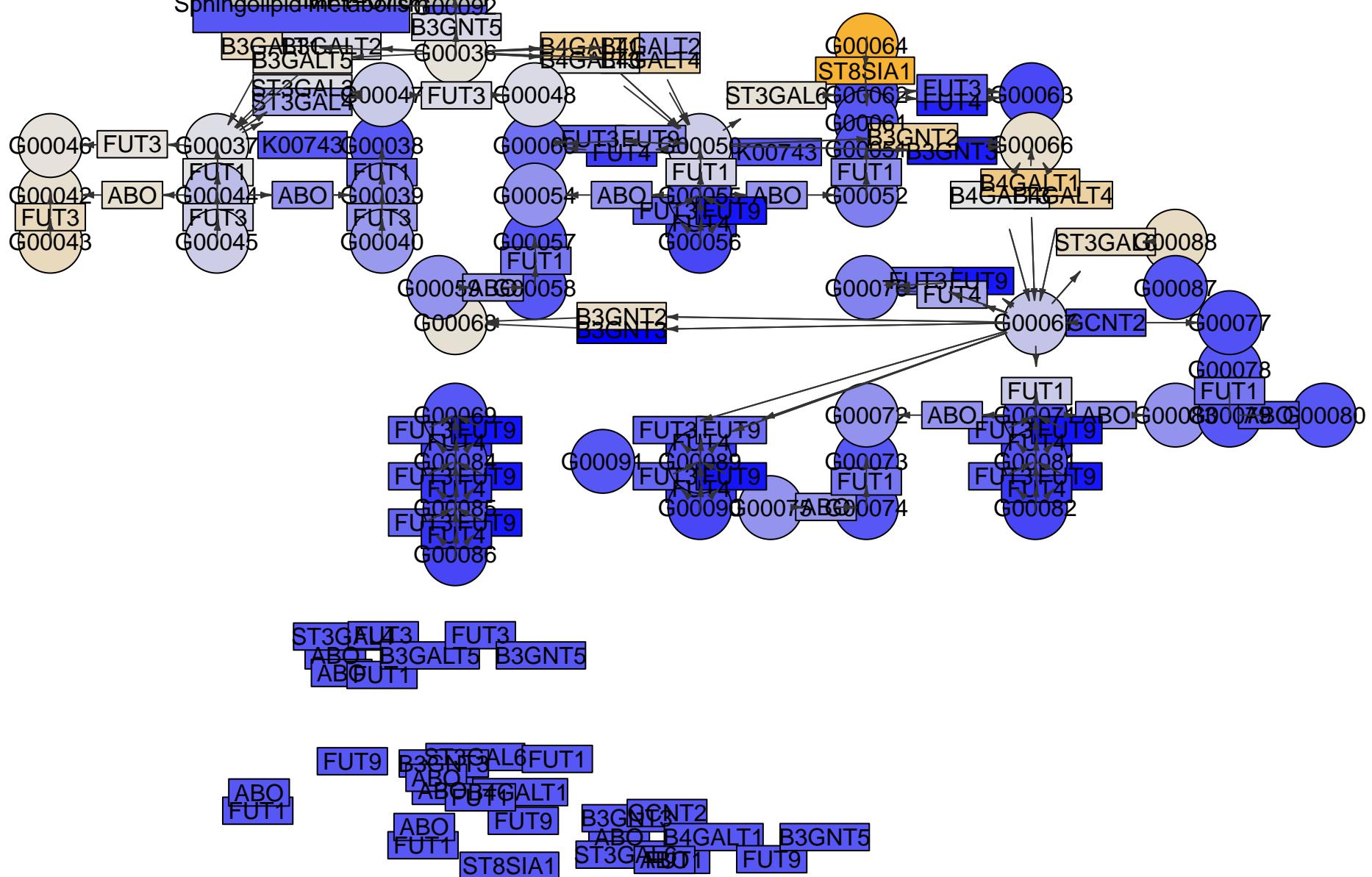
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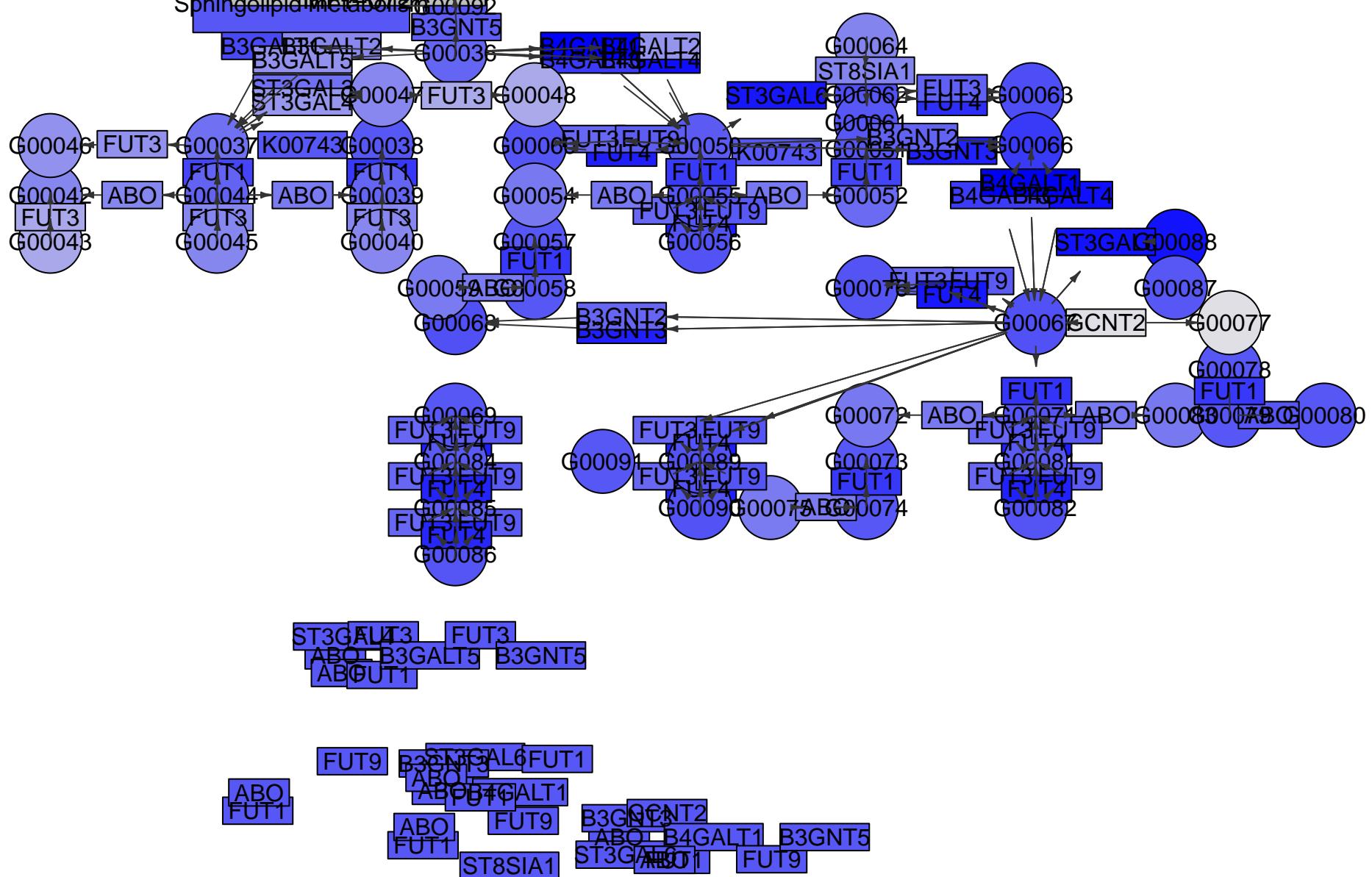
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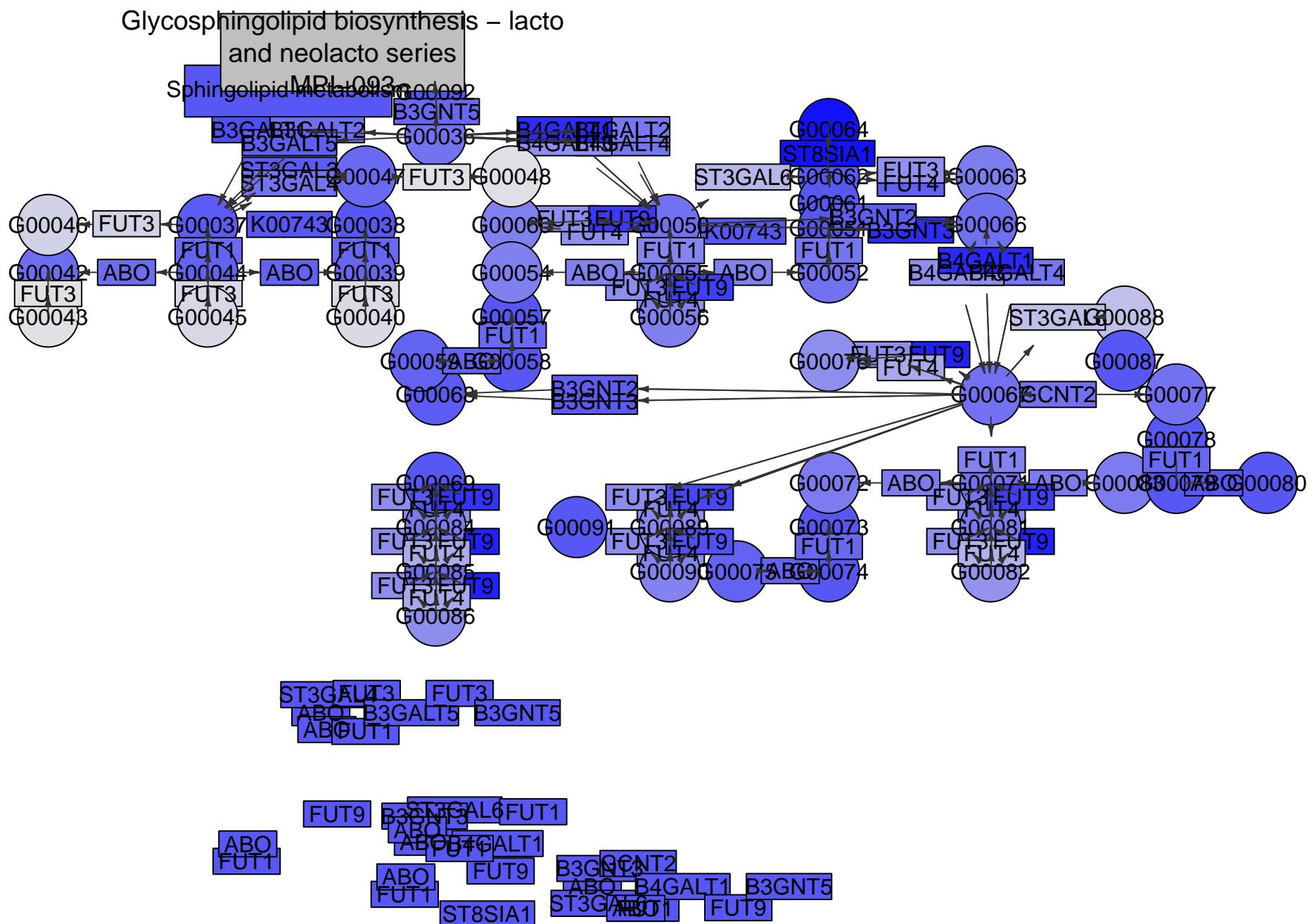


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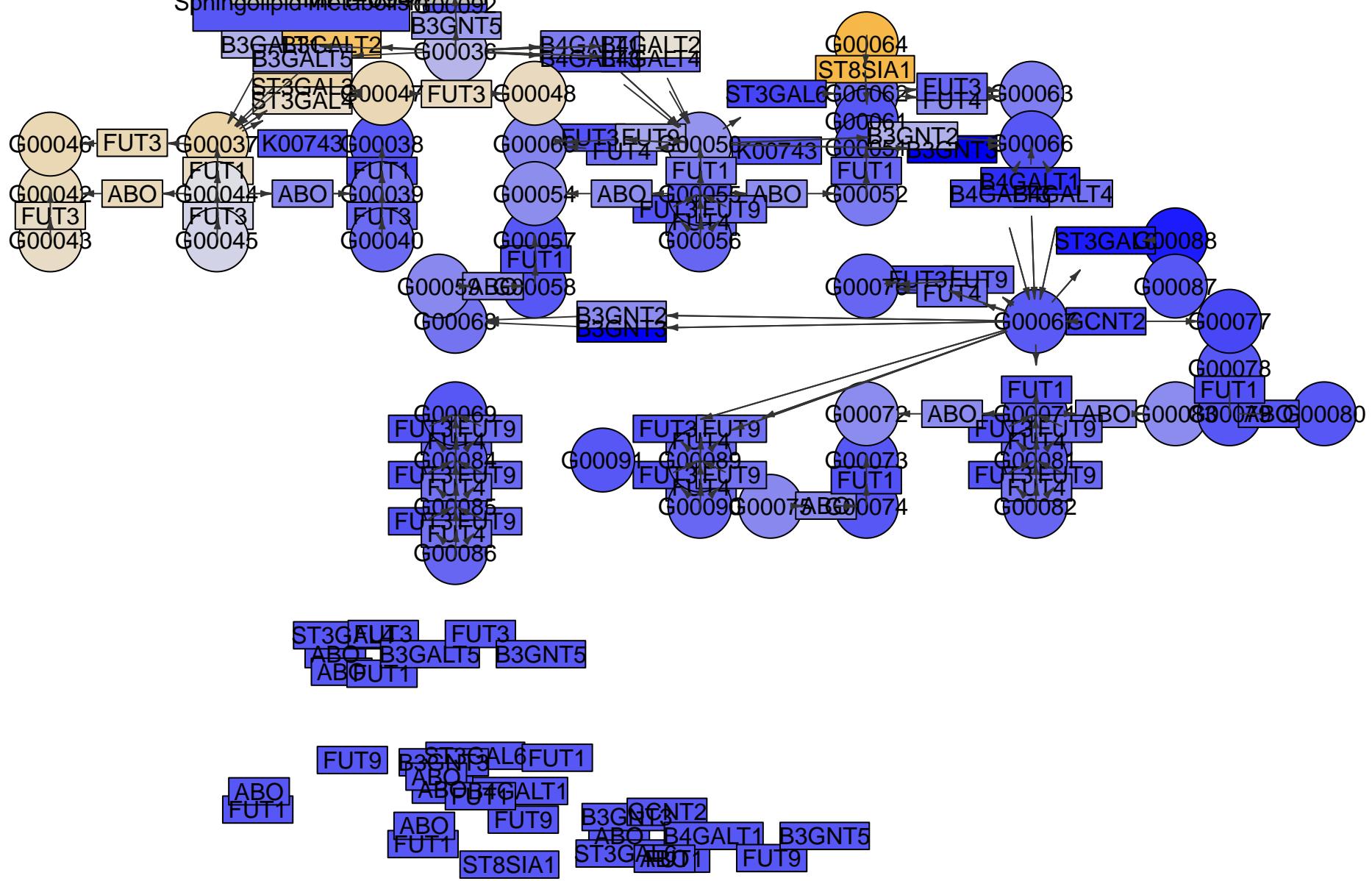


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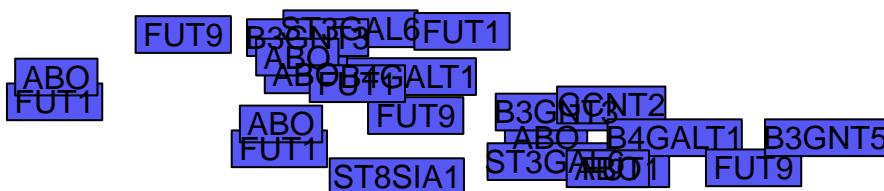
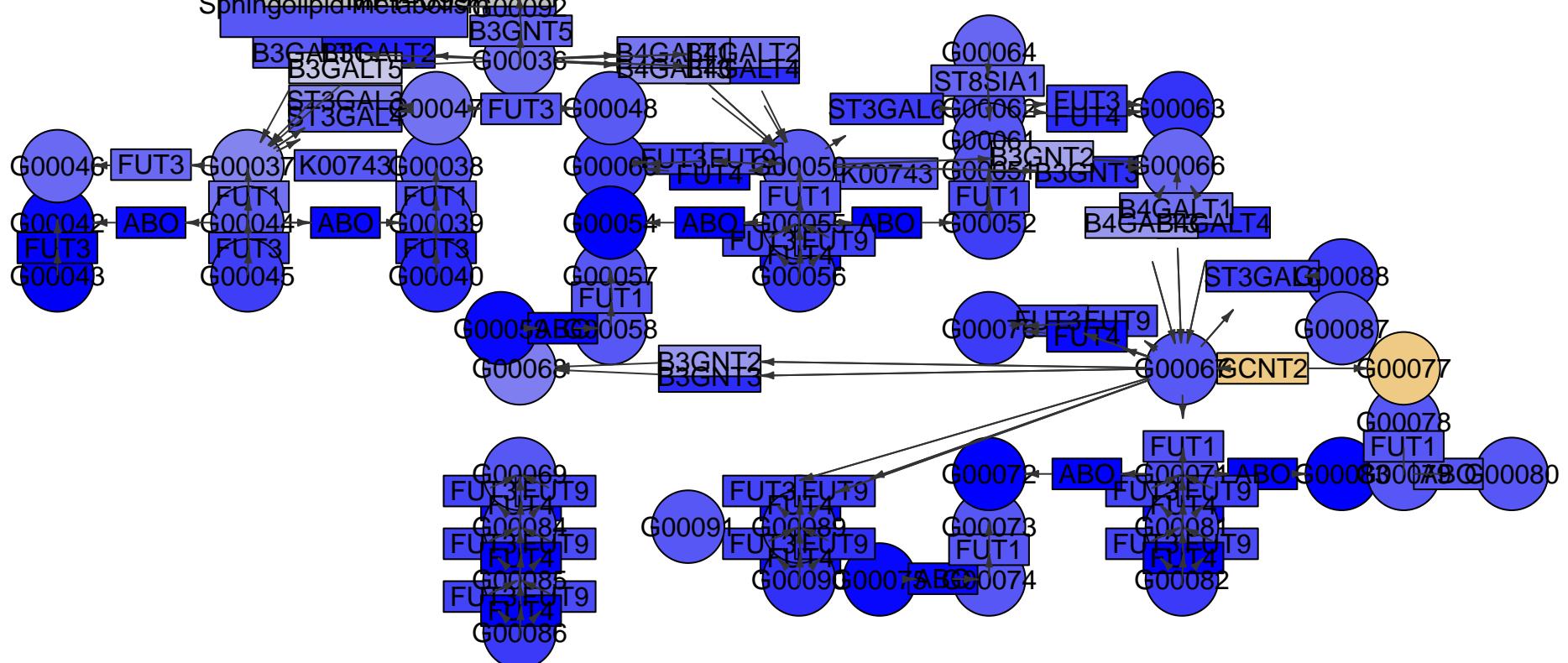




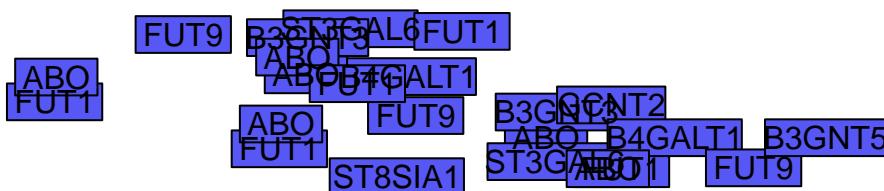
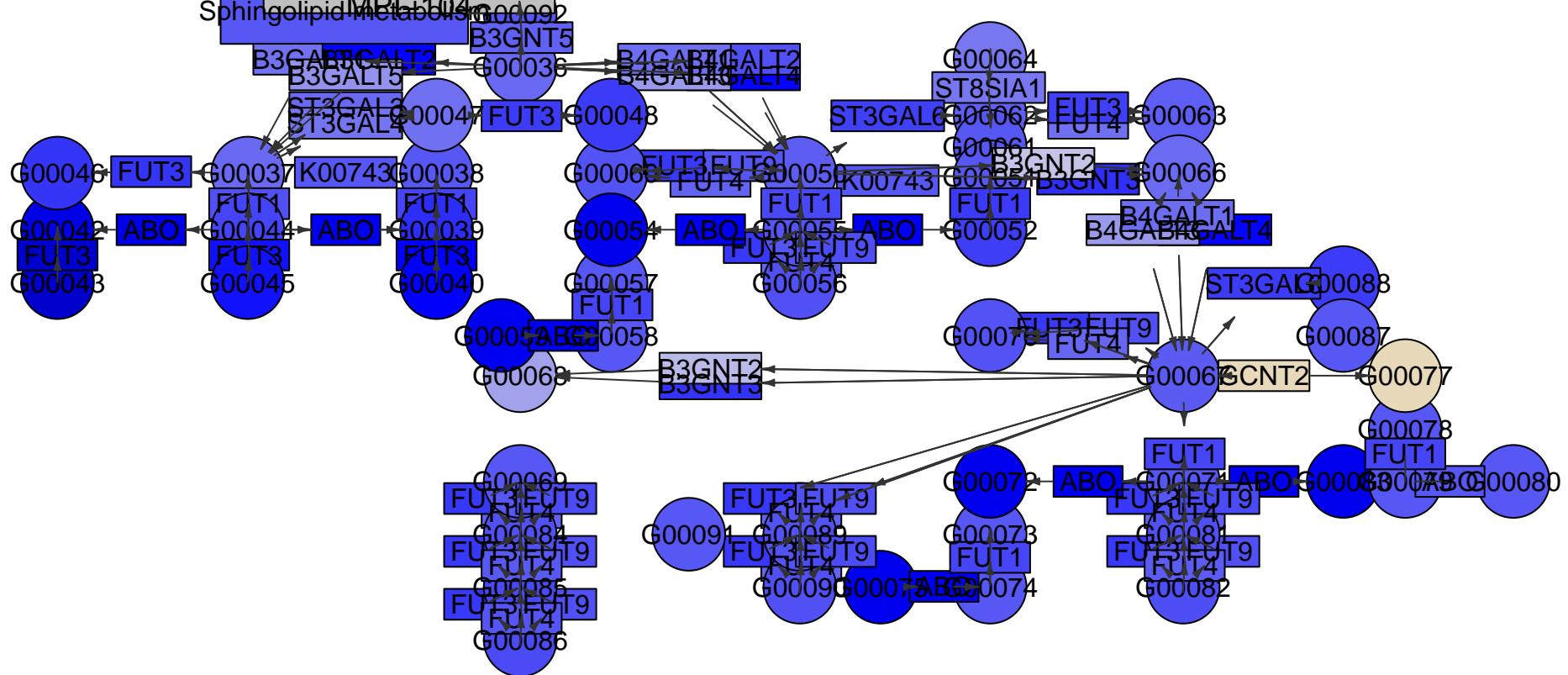
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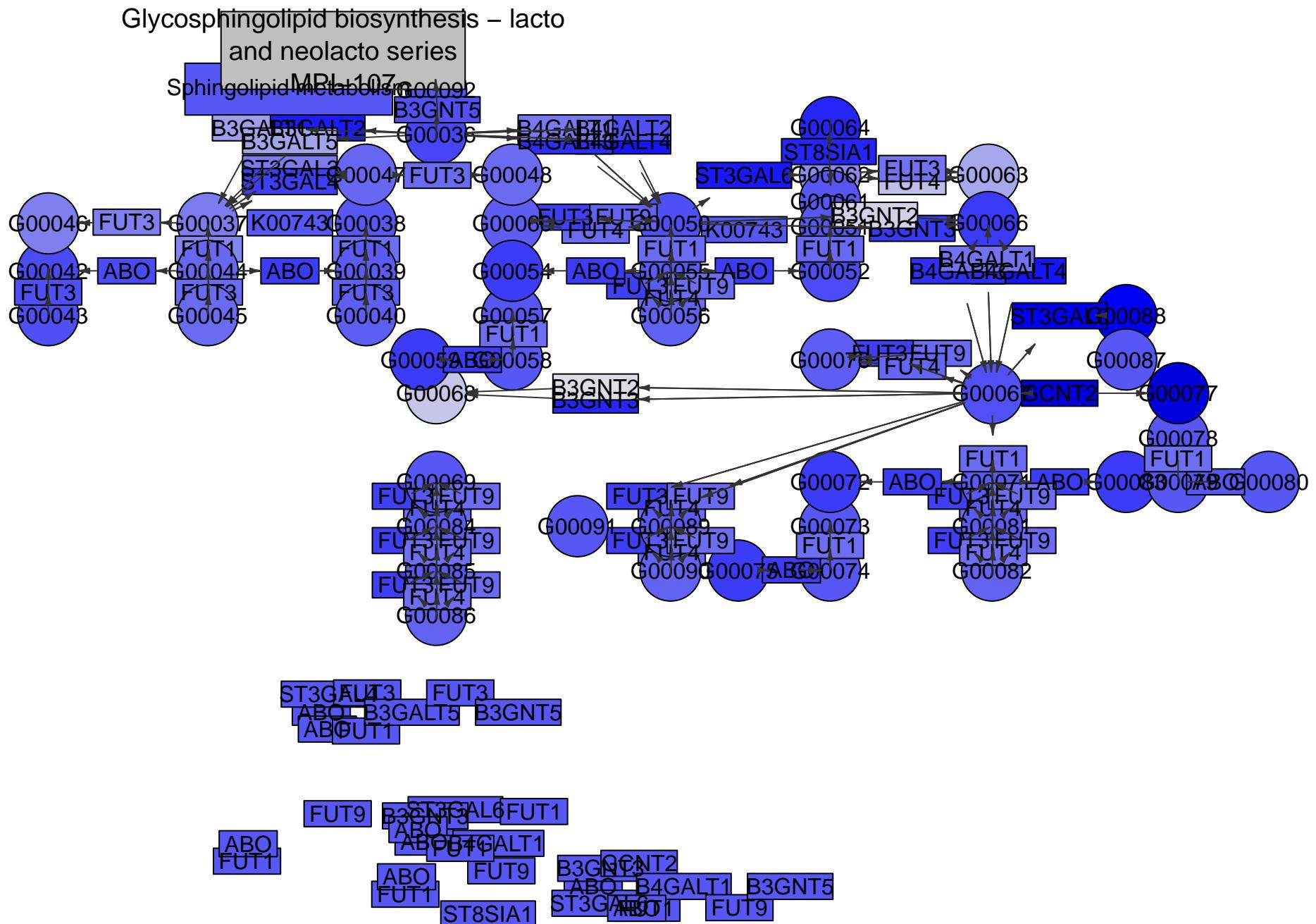


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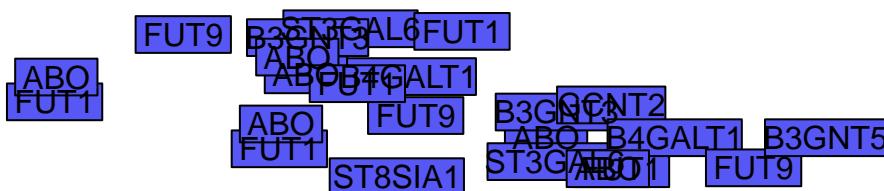
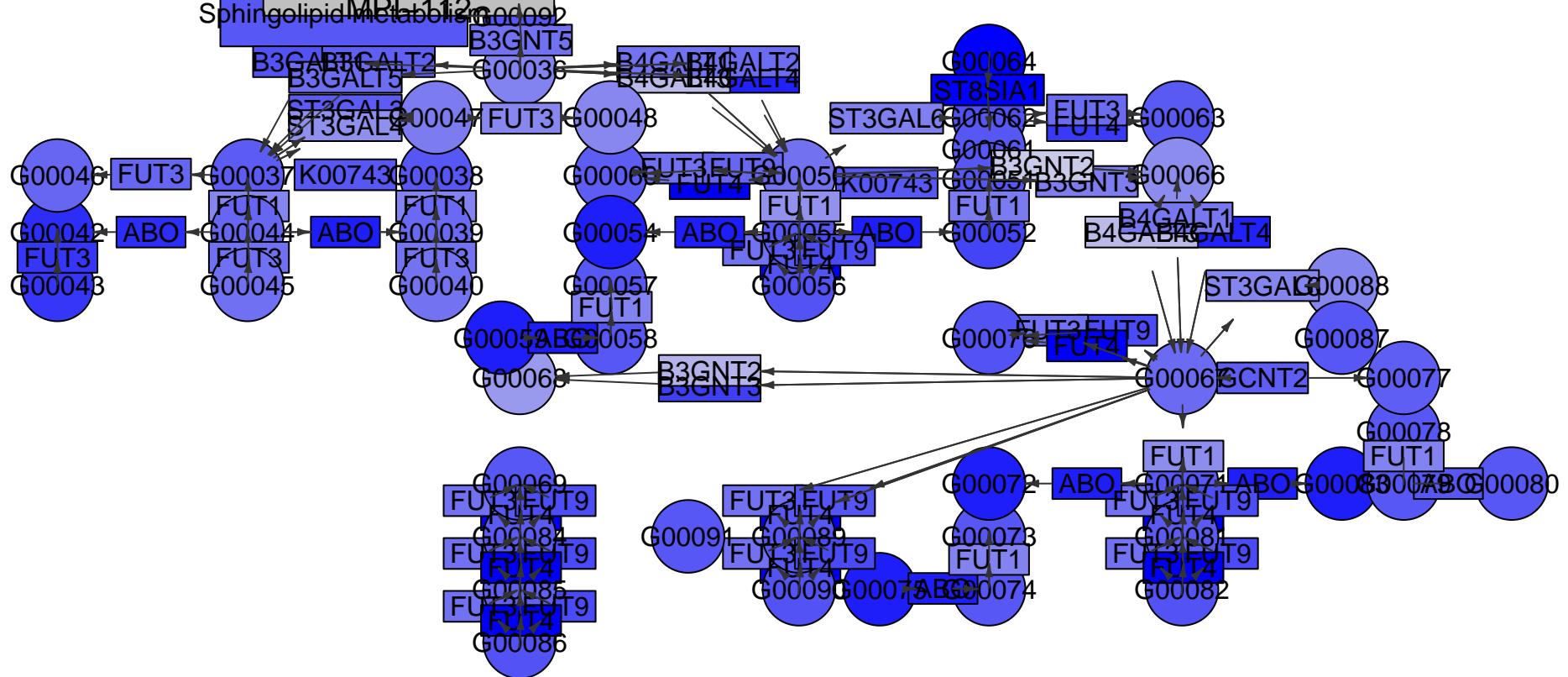


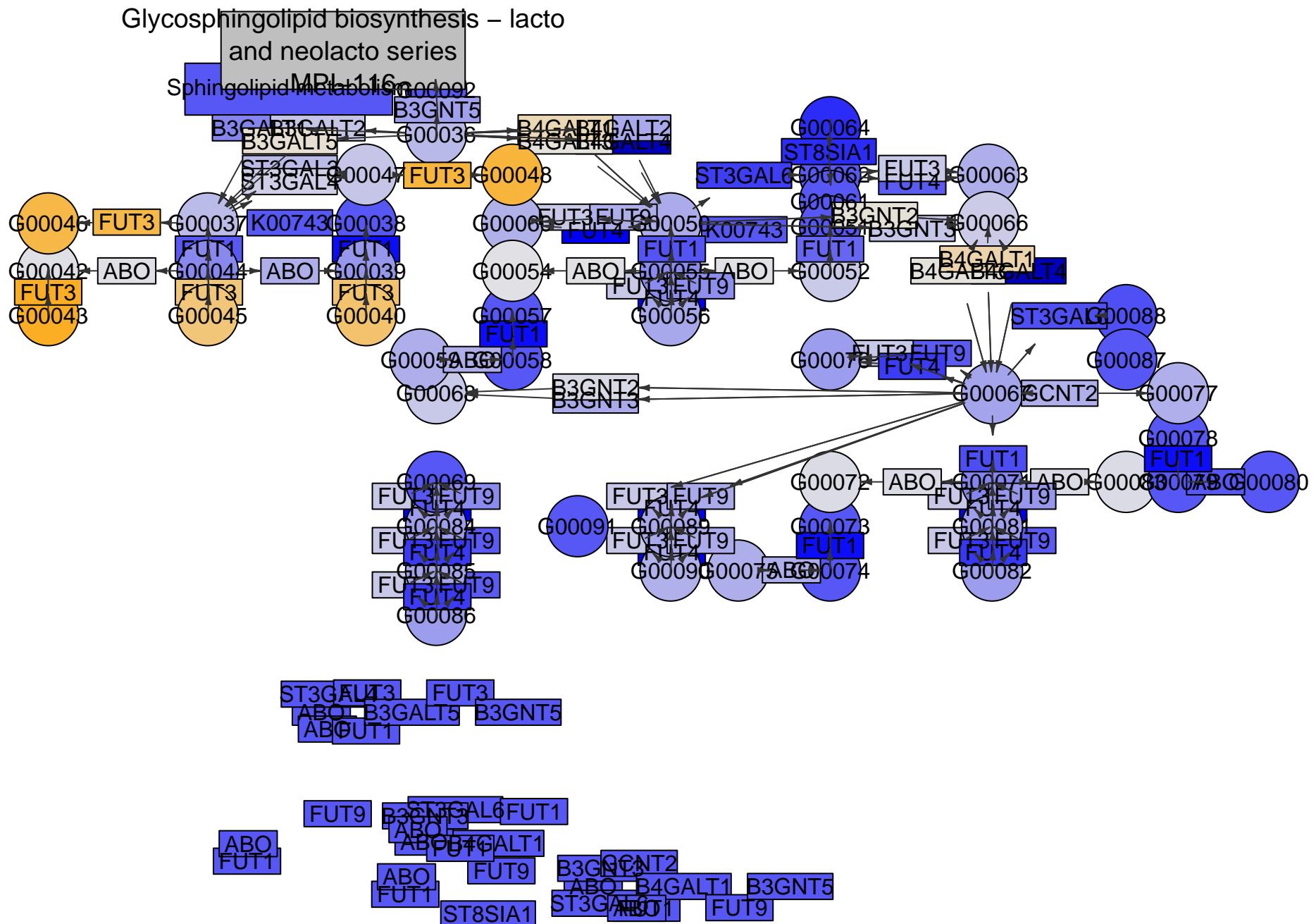
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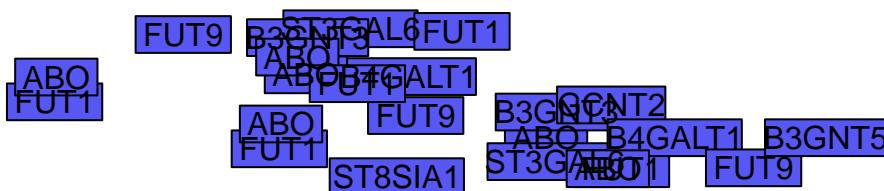
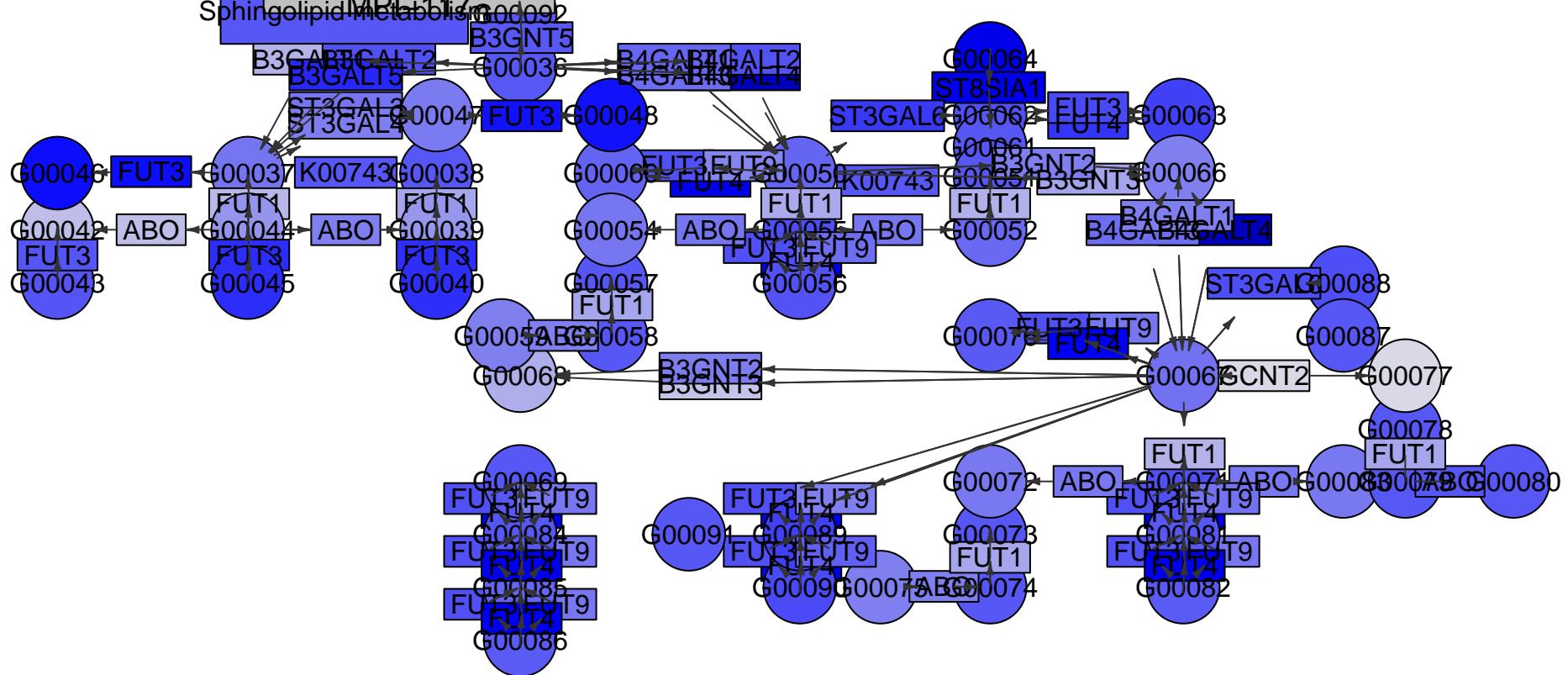


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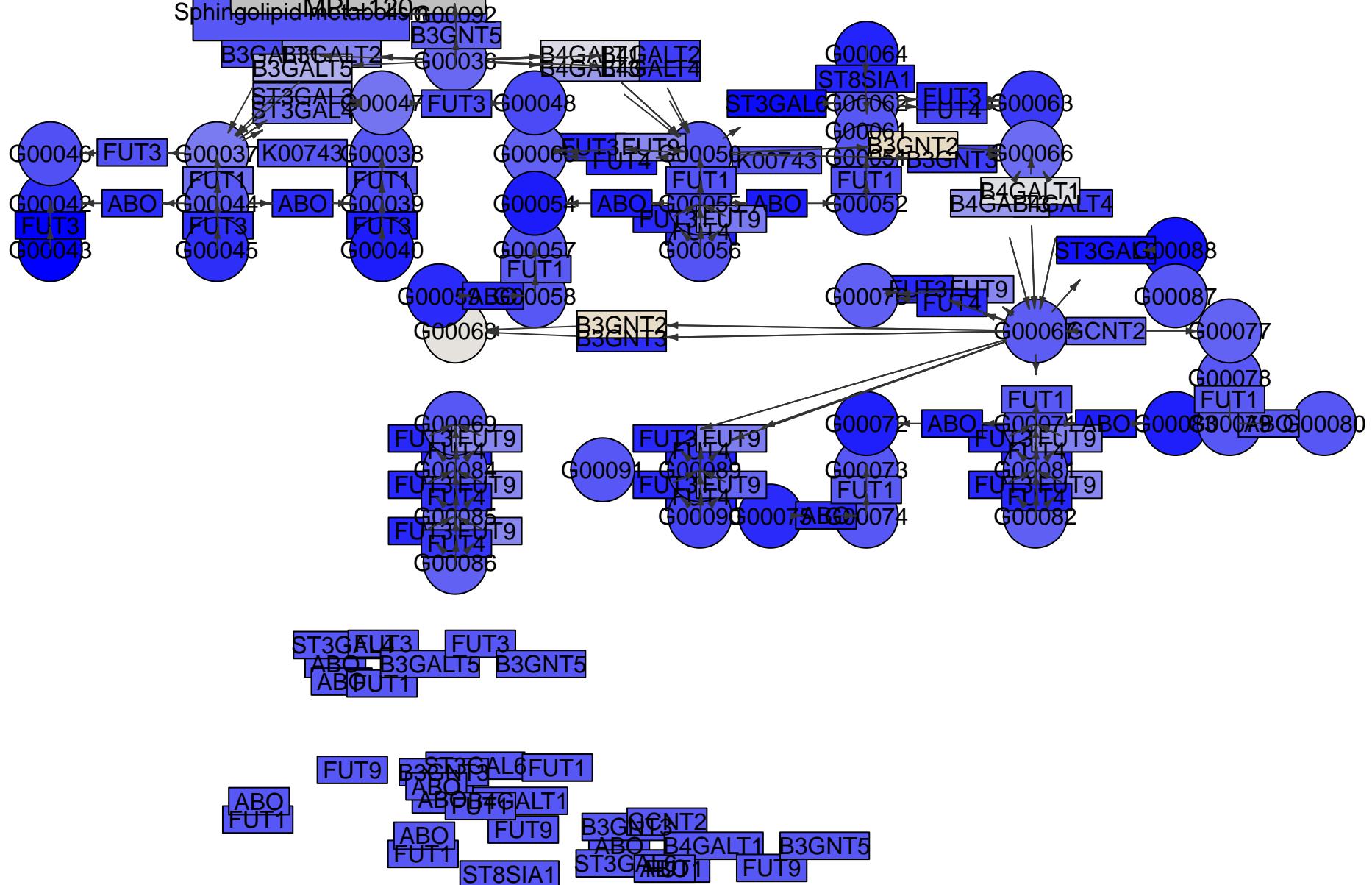


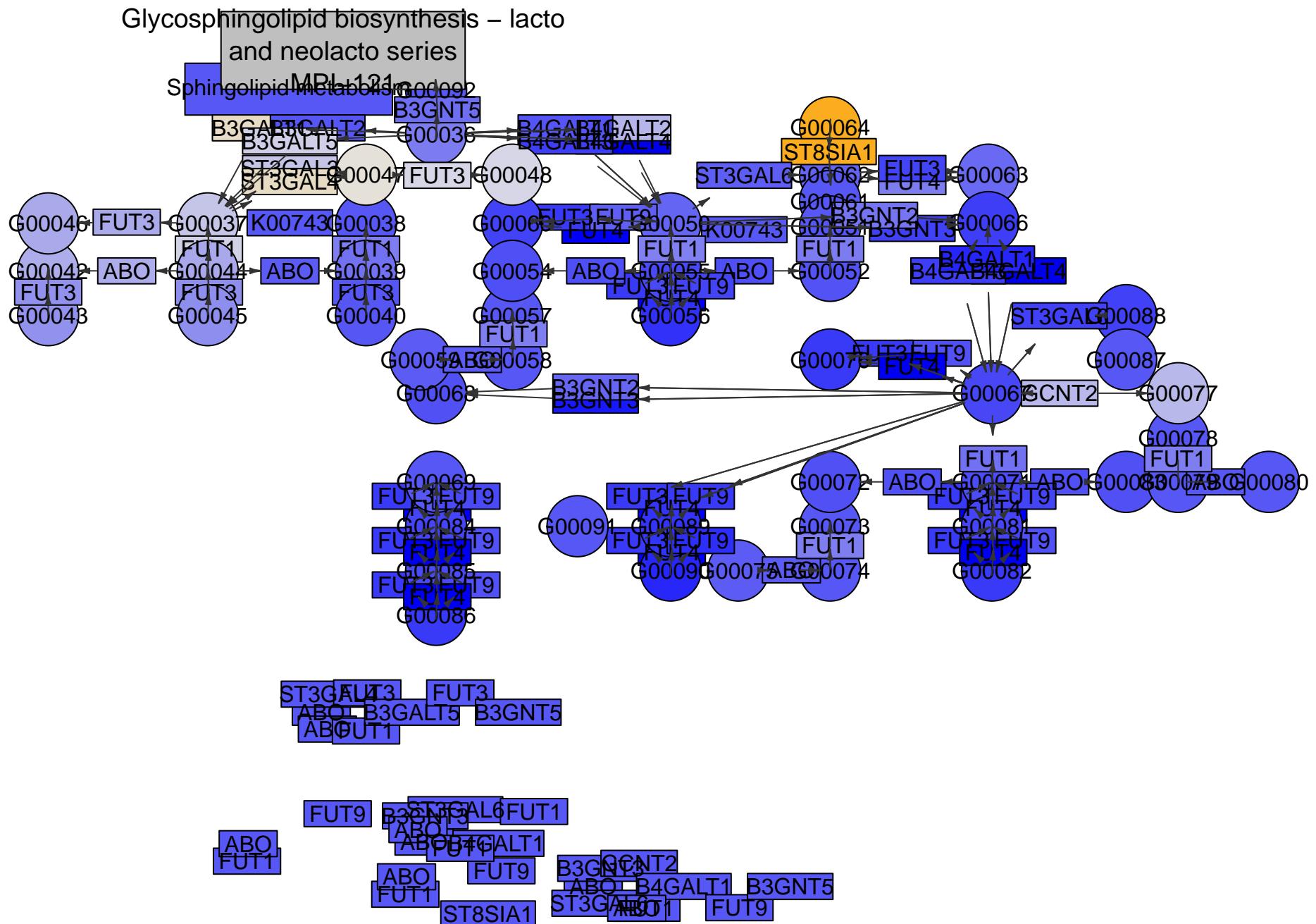


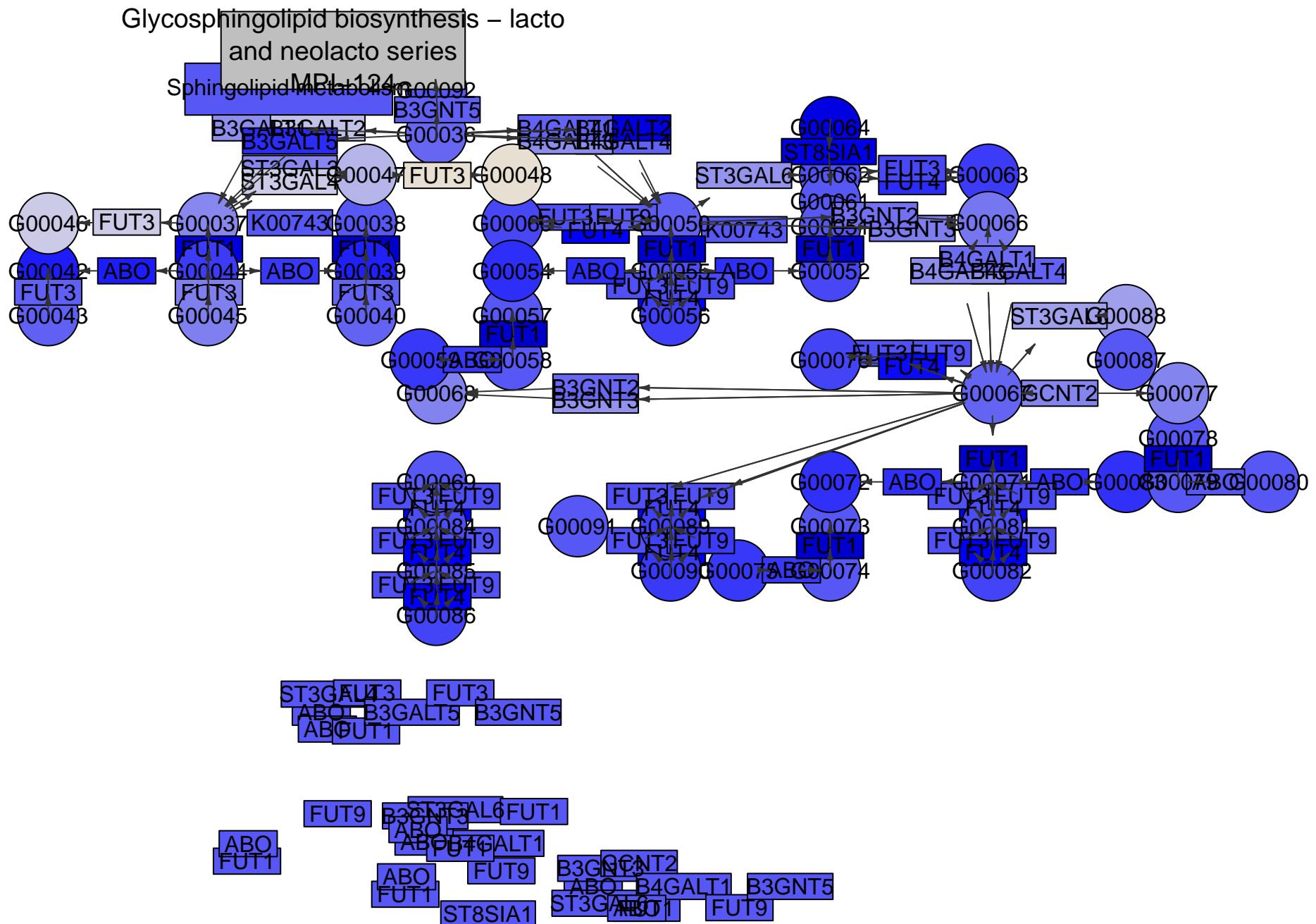
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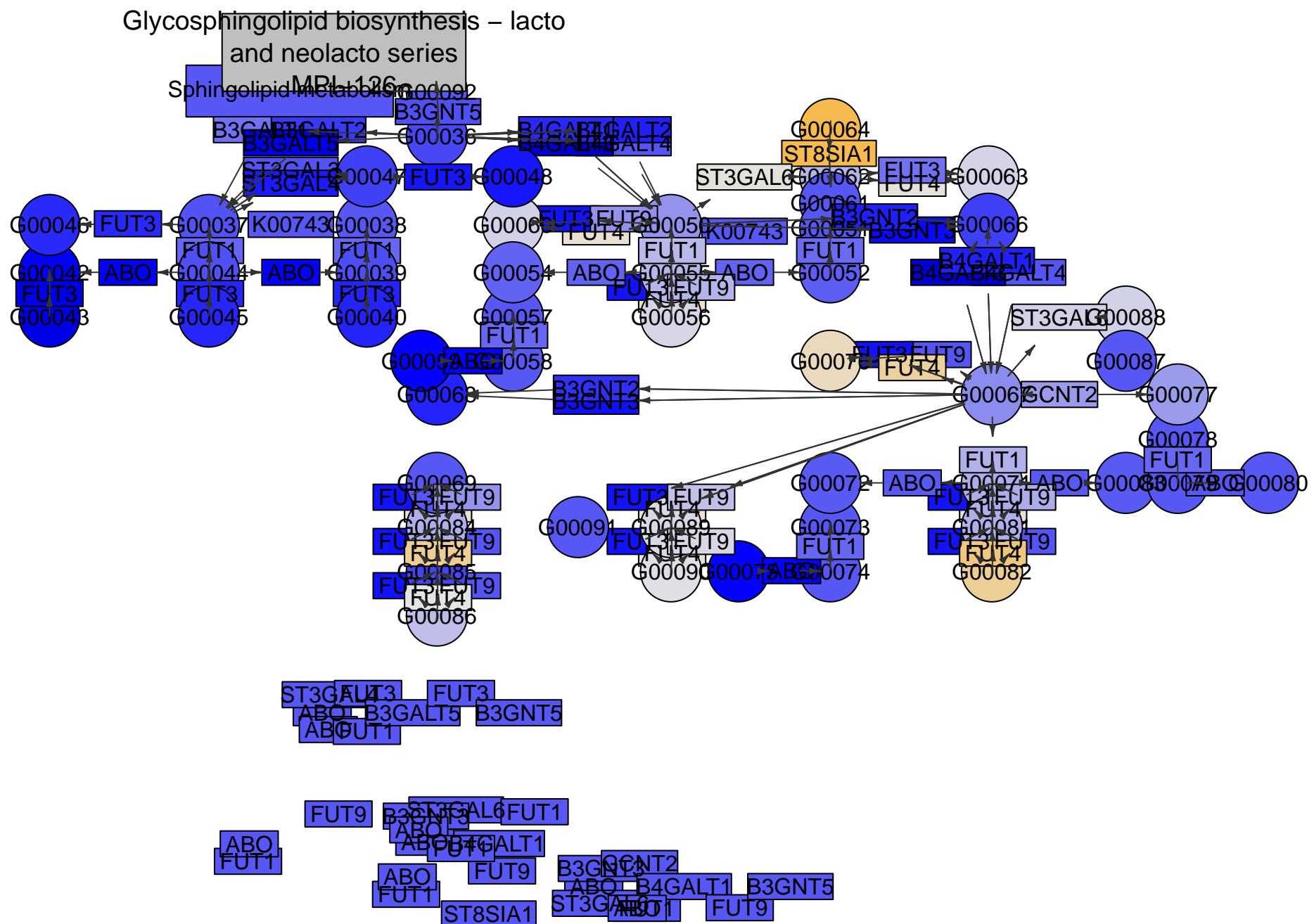


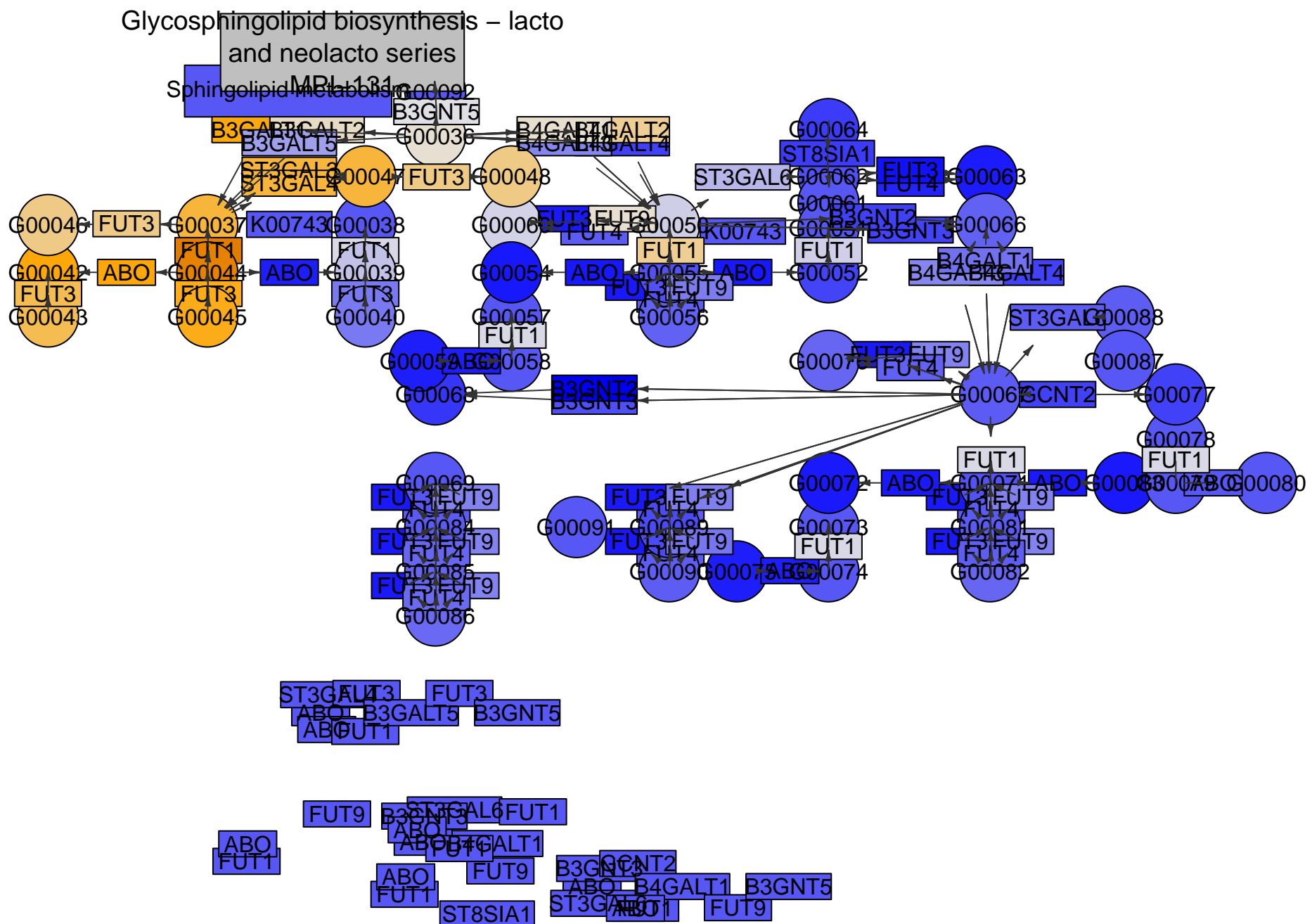
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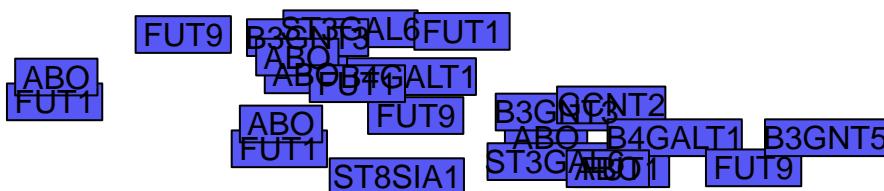
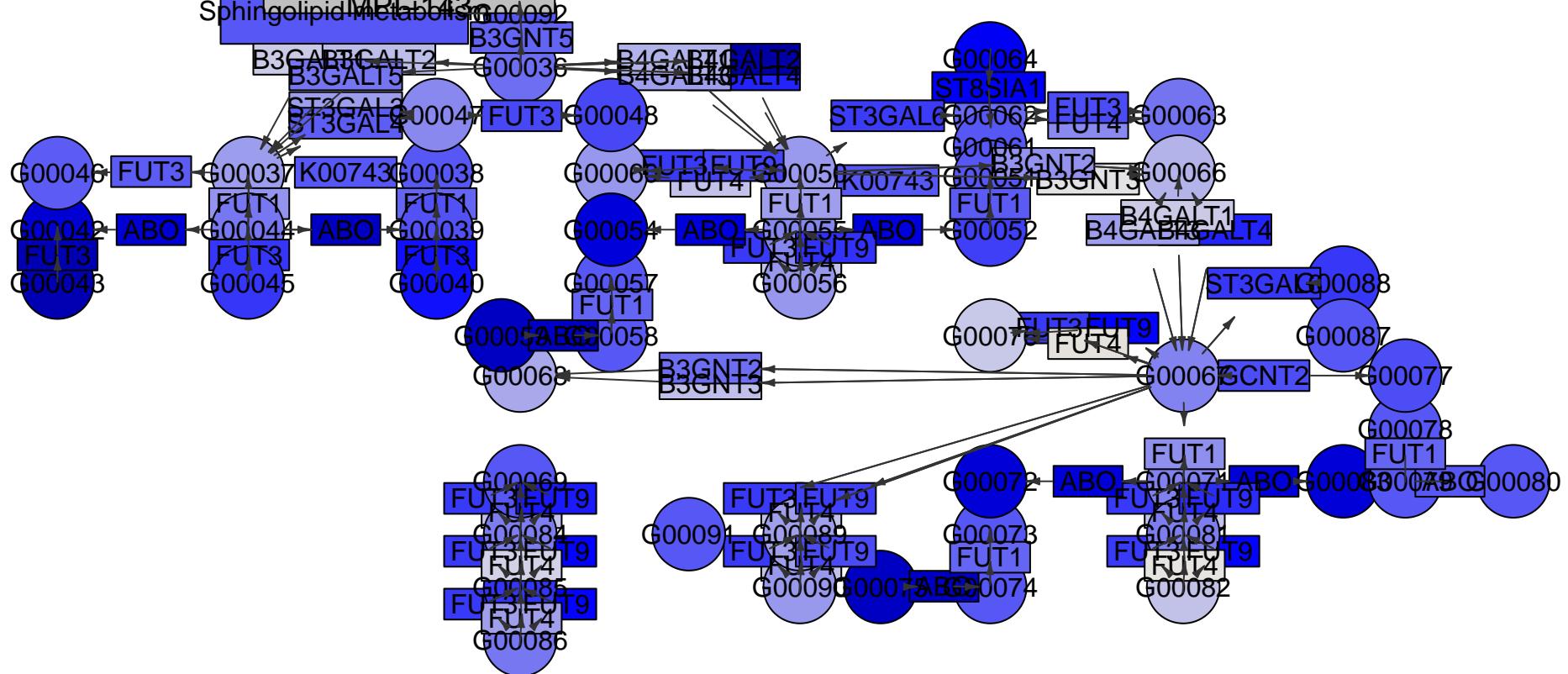


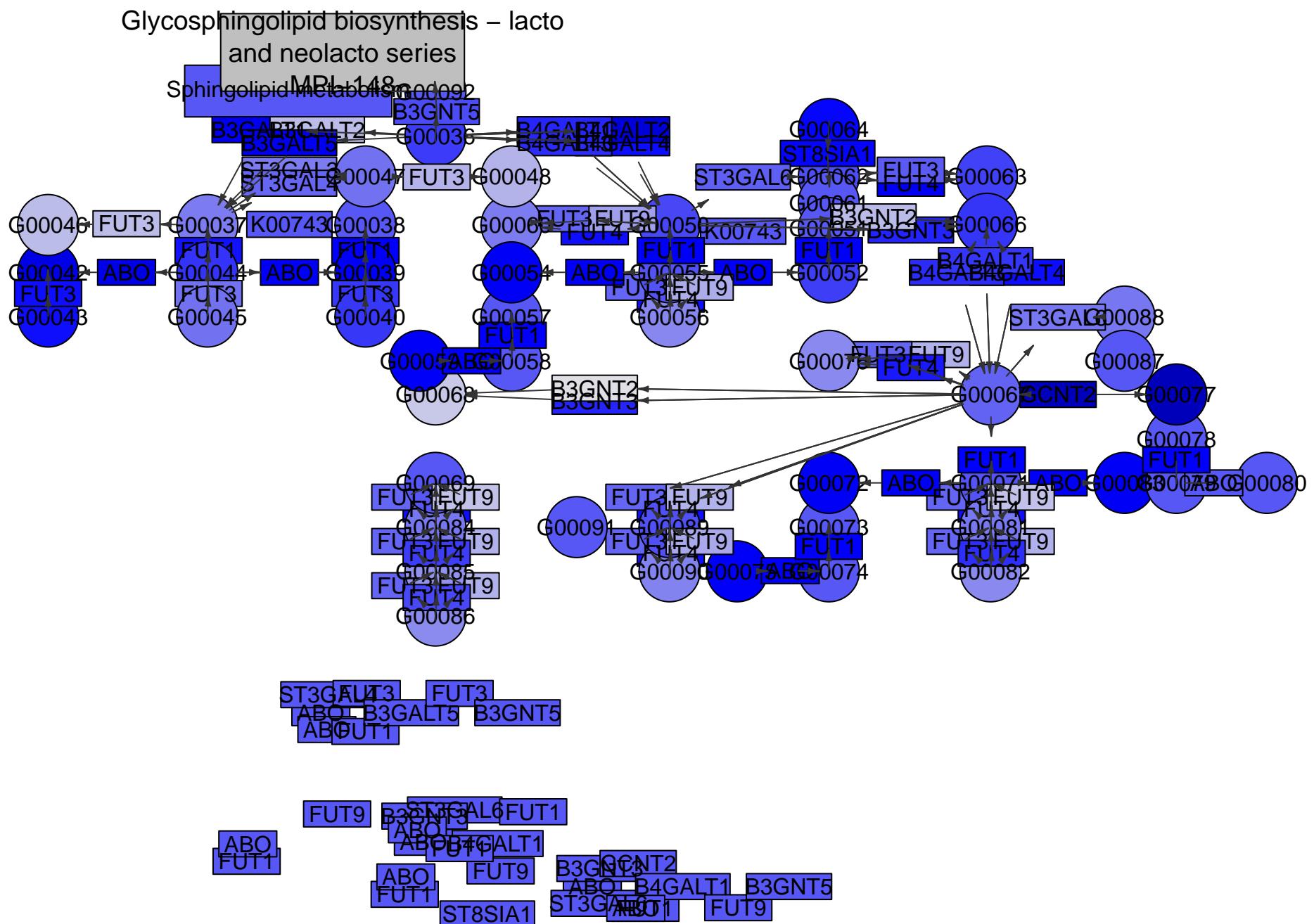




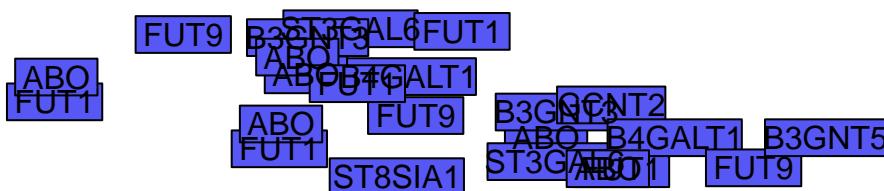
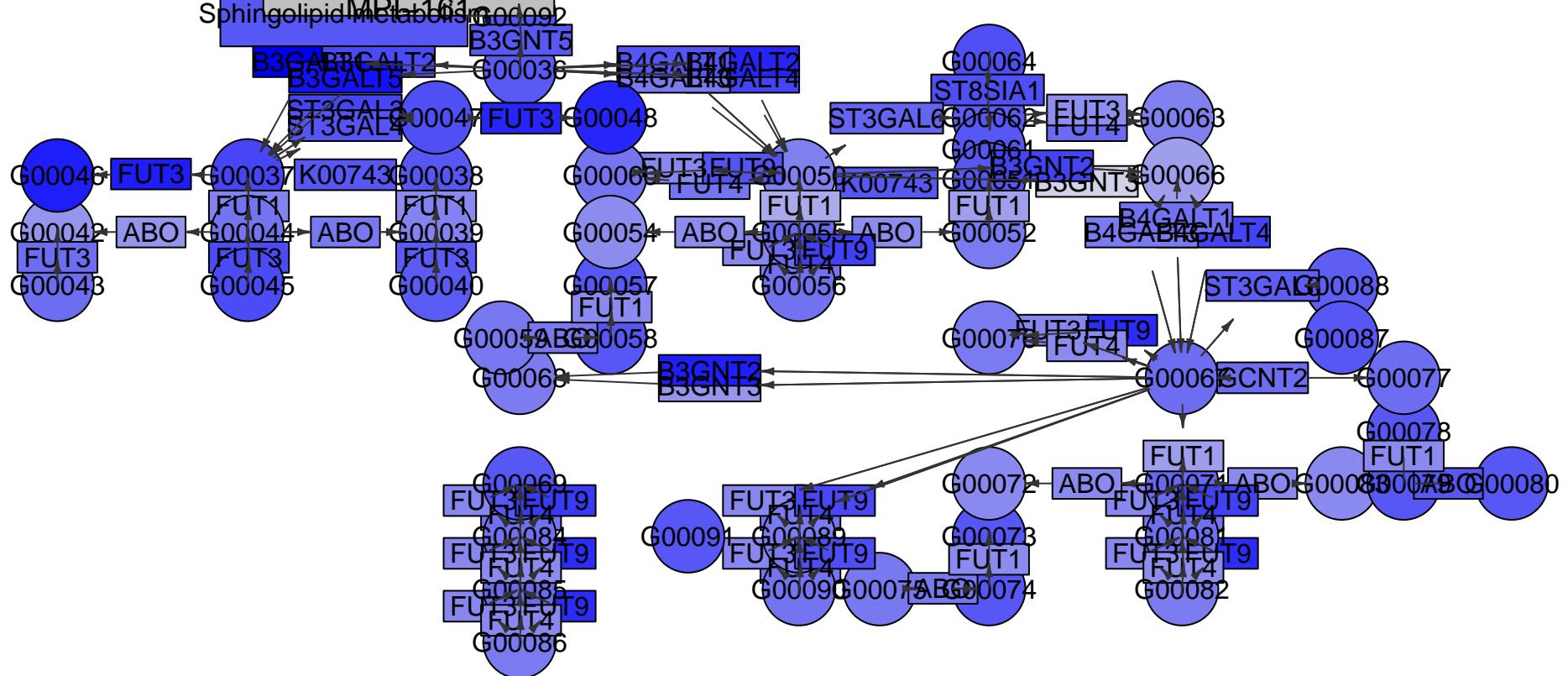


Glycosphingolipid biosynthesis – lacto and neolacto series

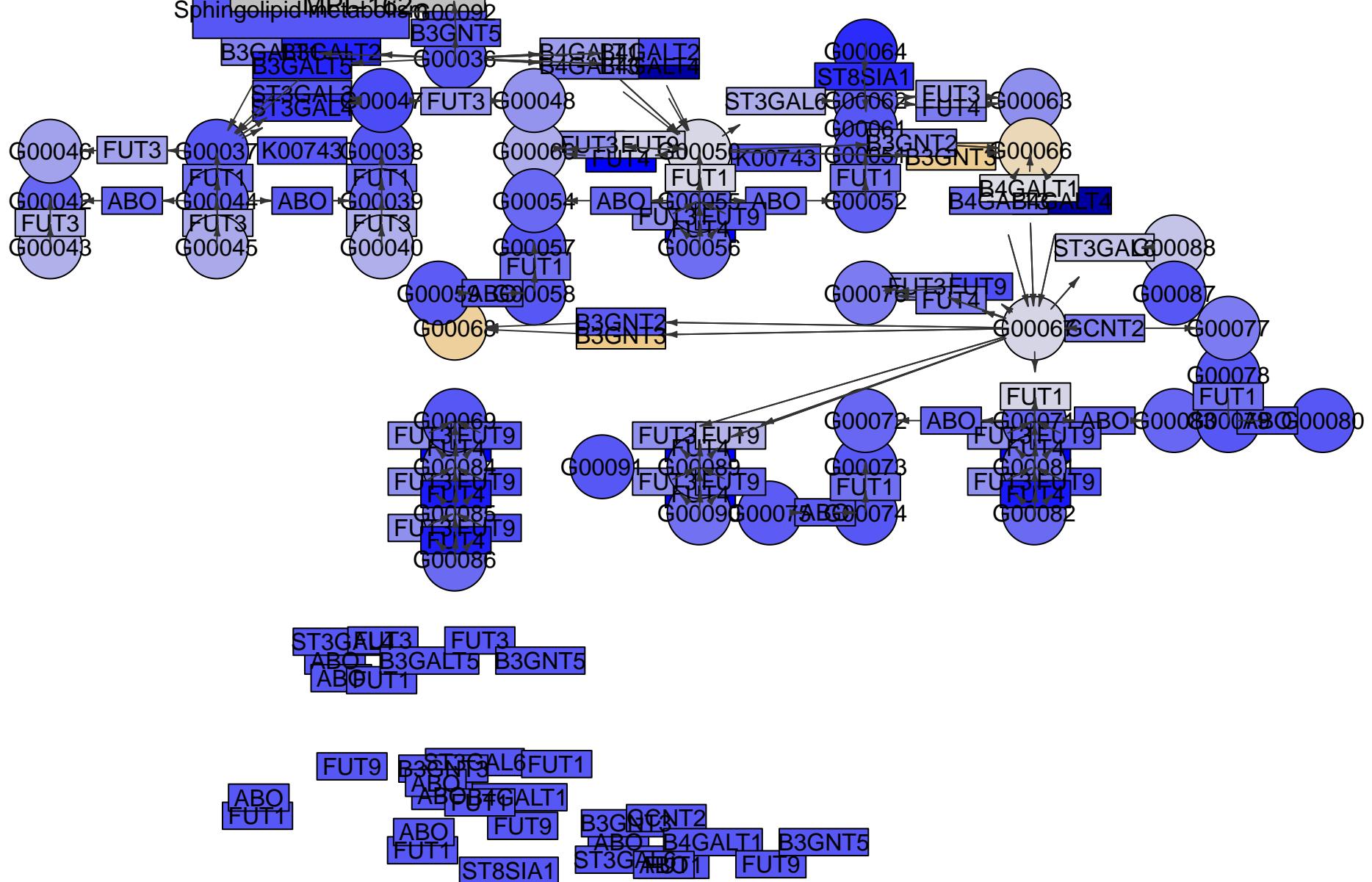


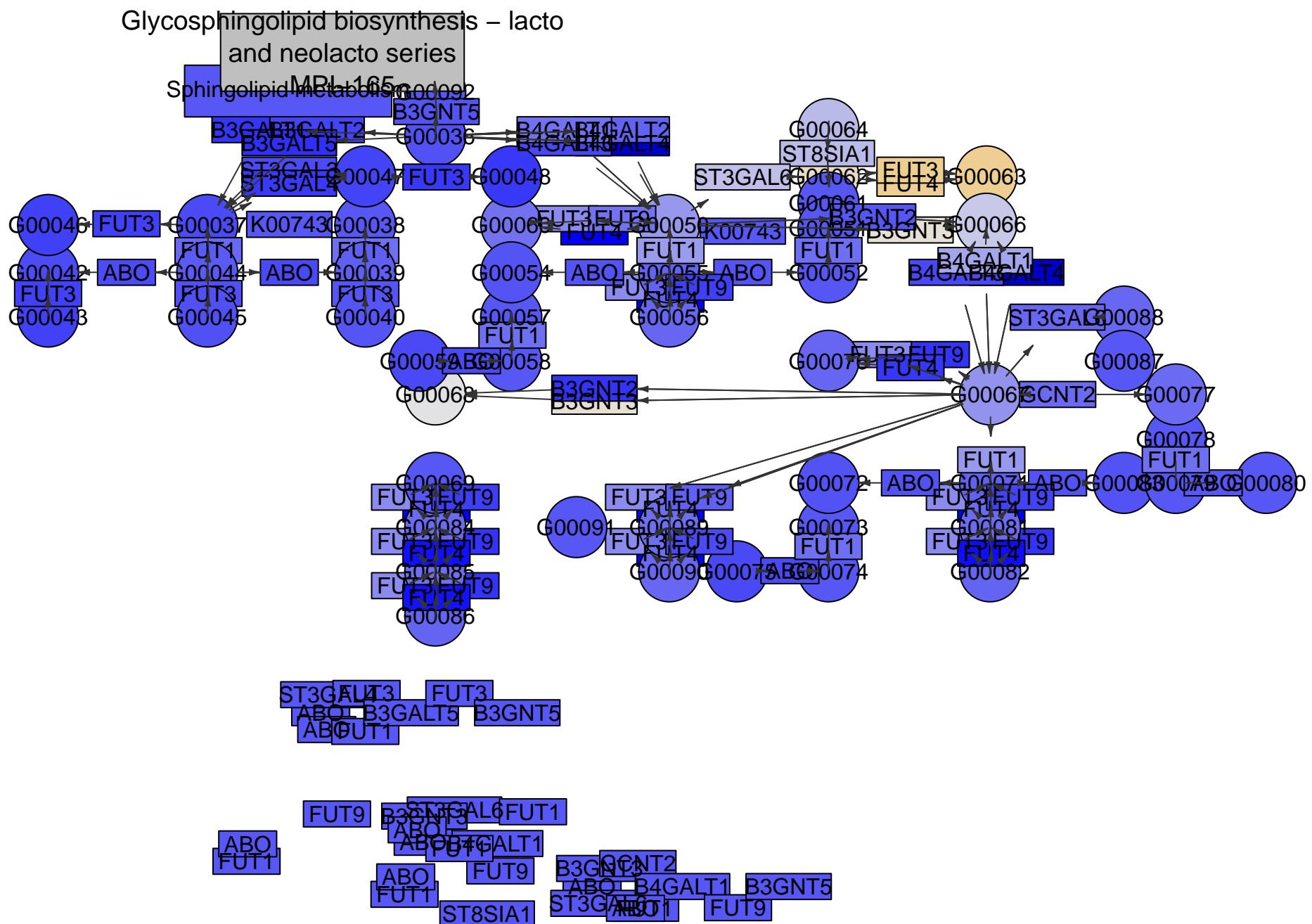


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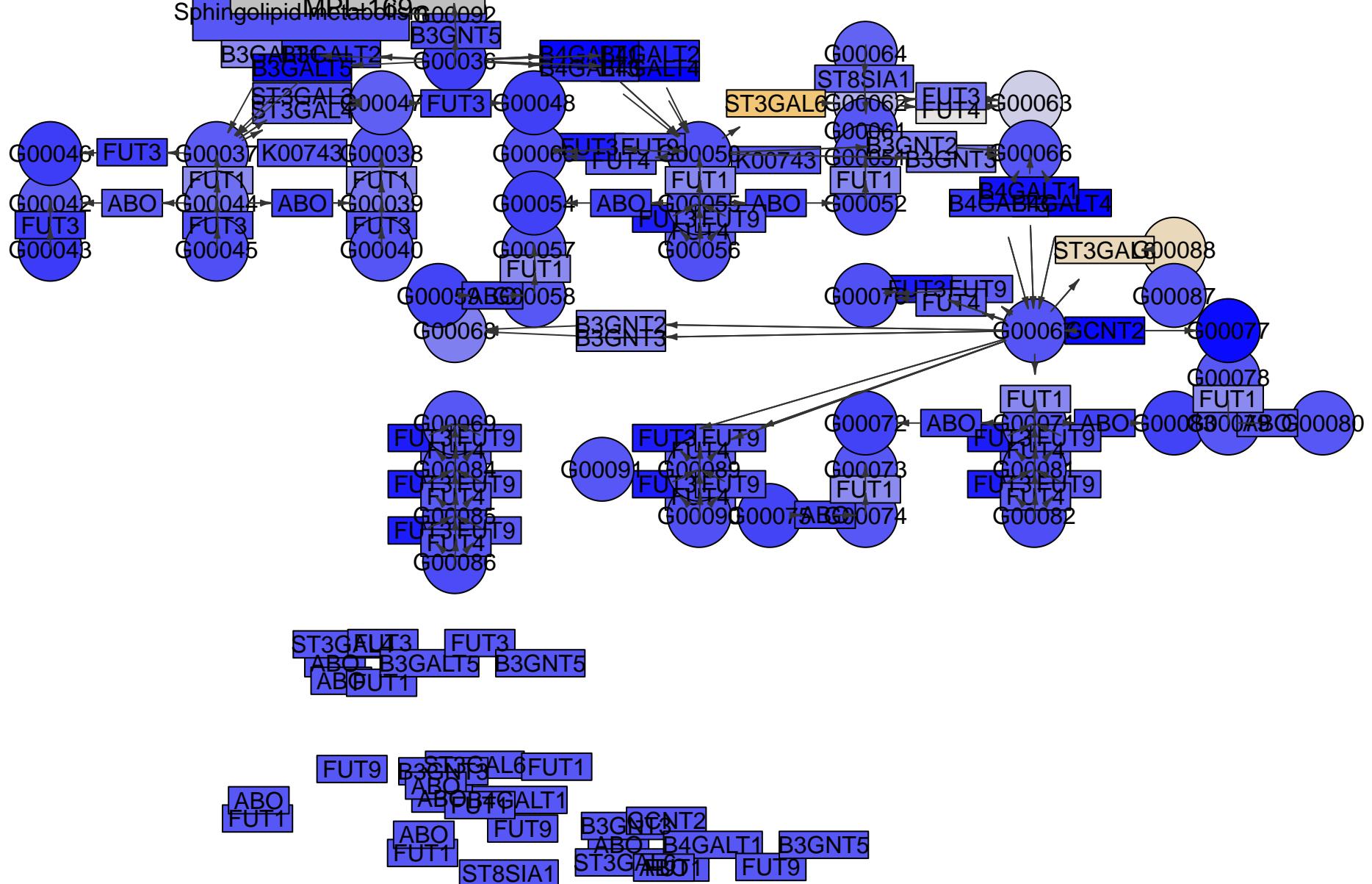


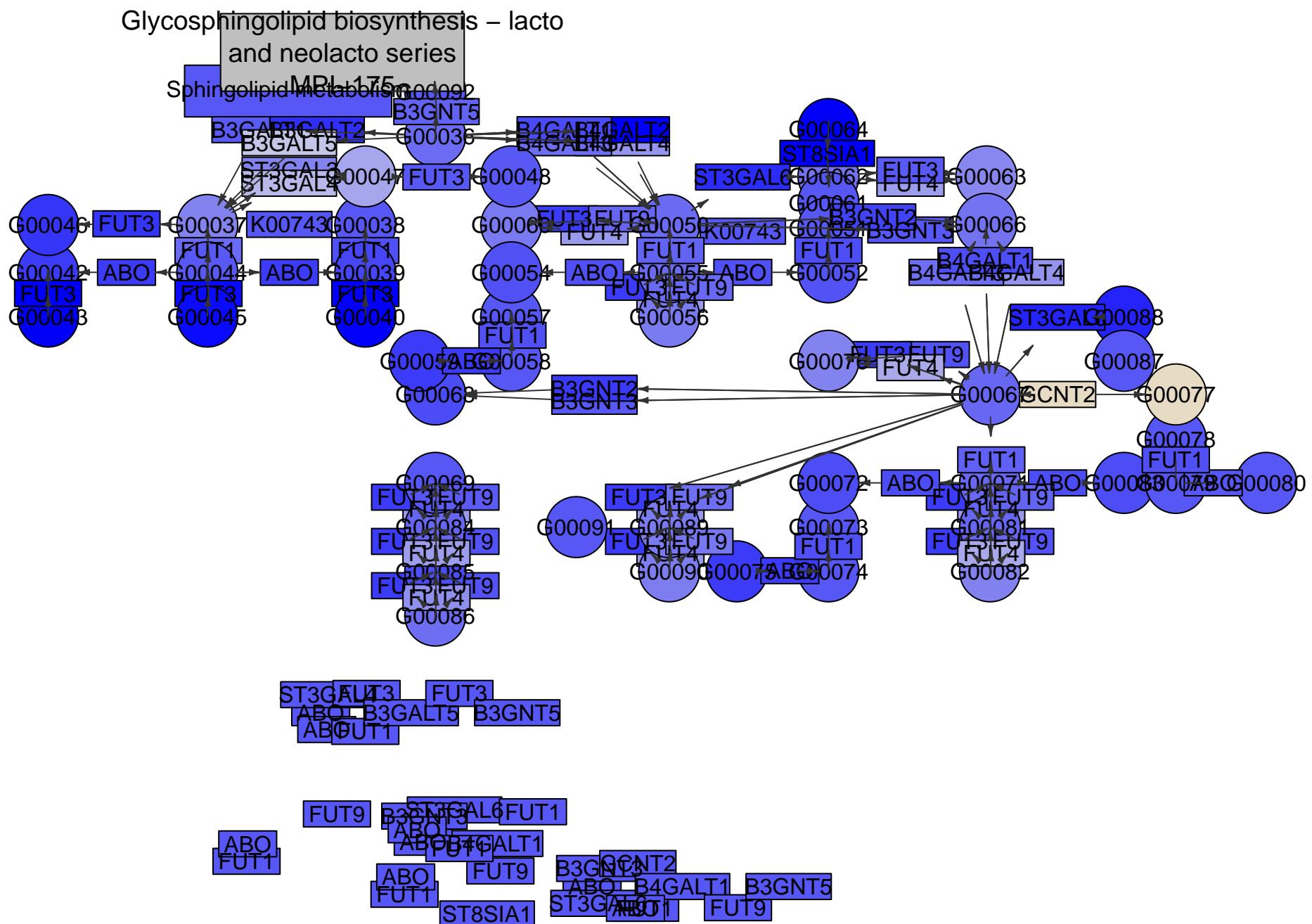
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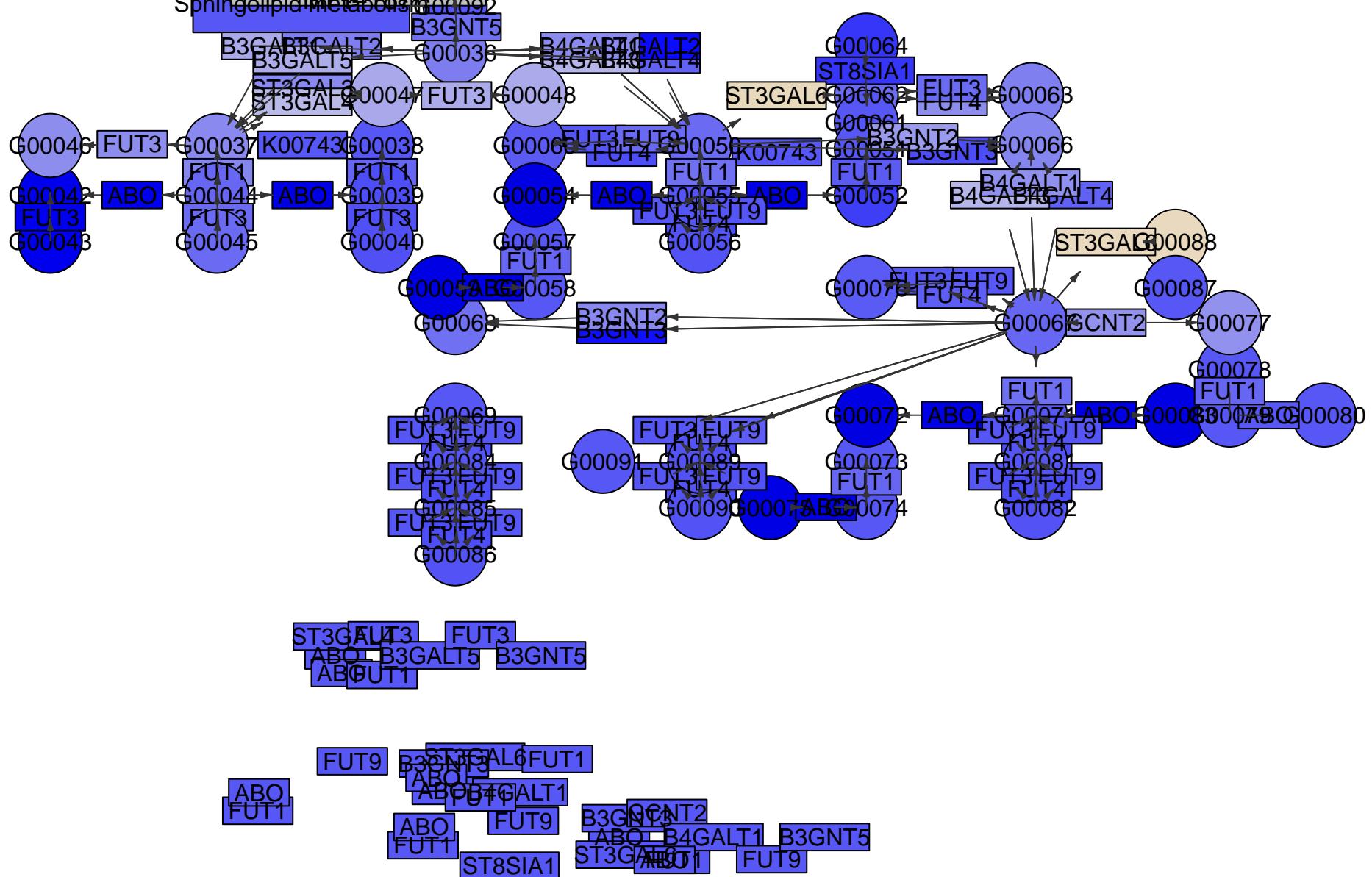


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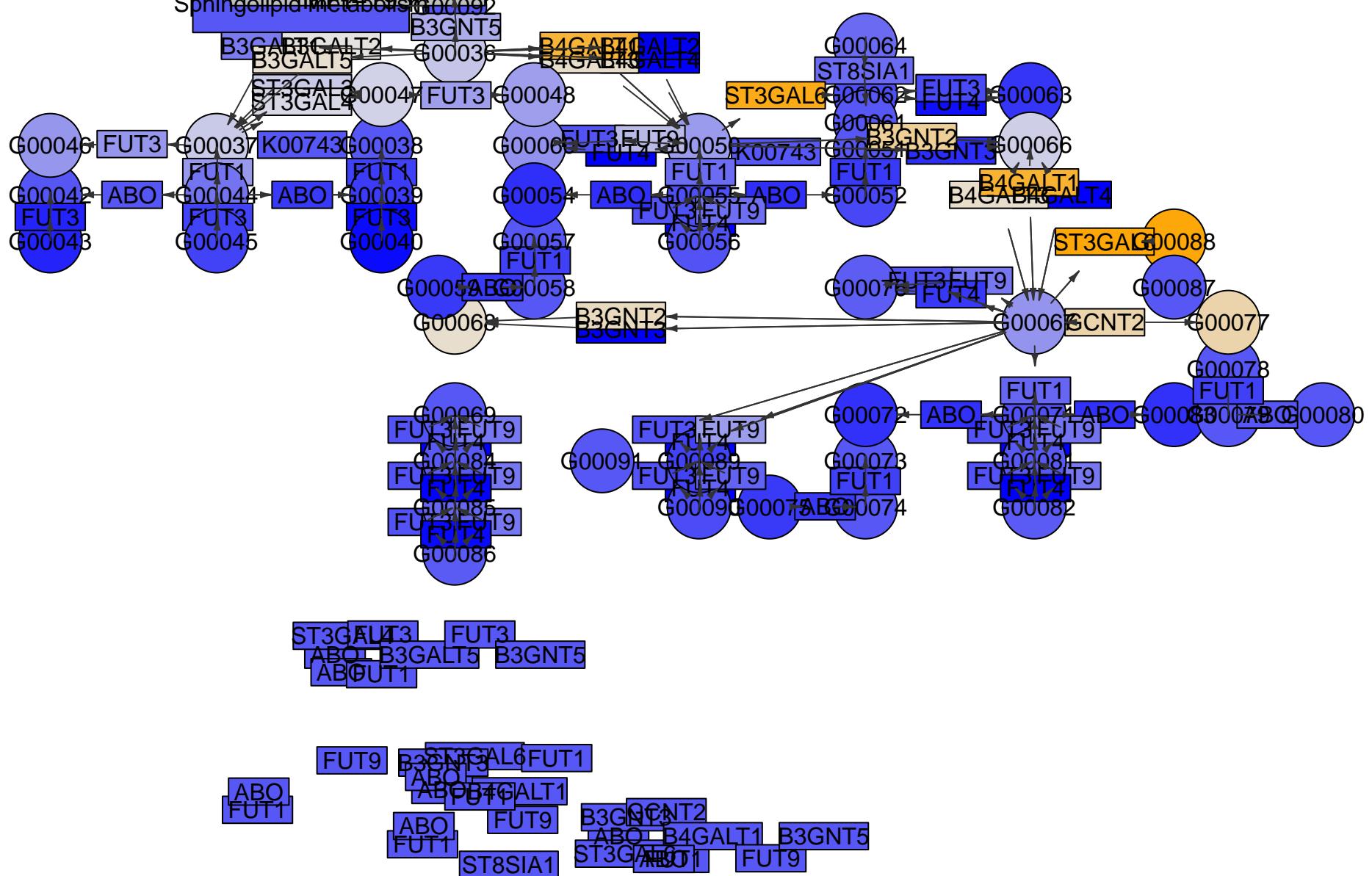




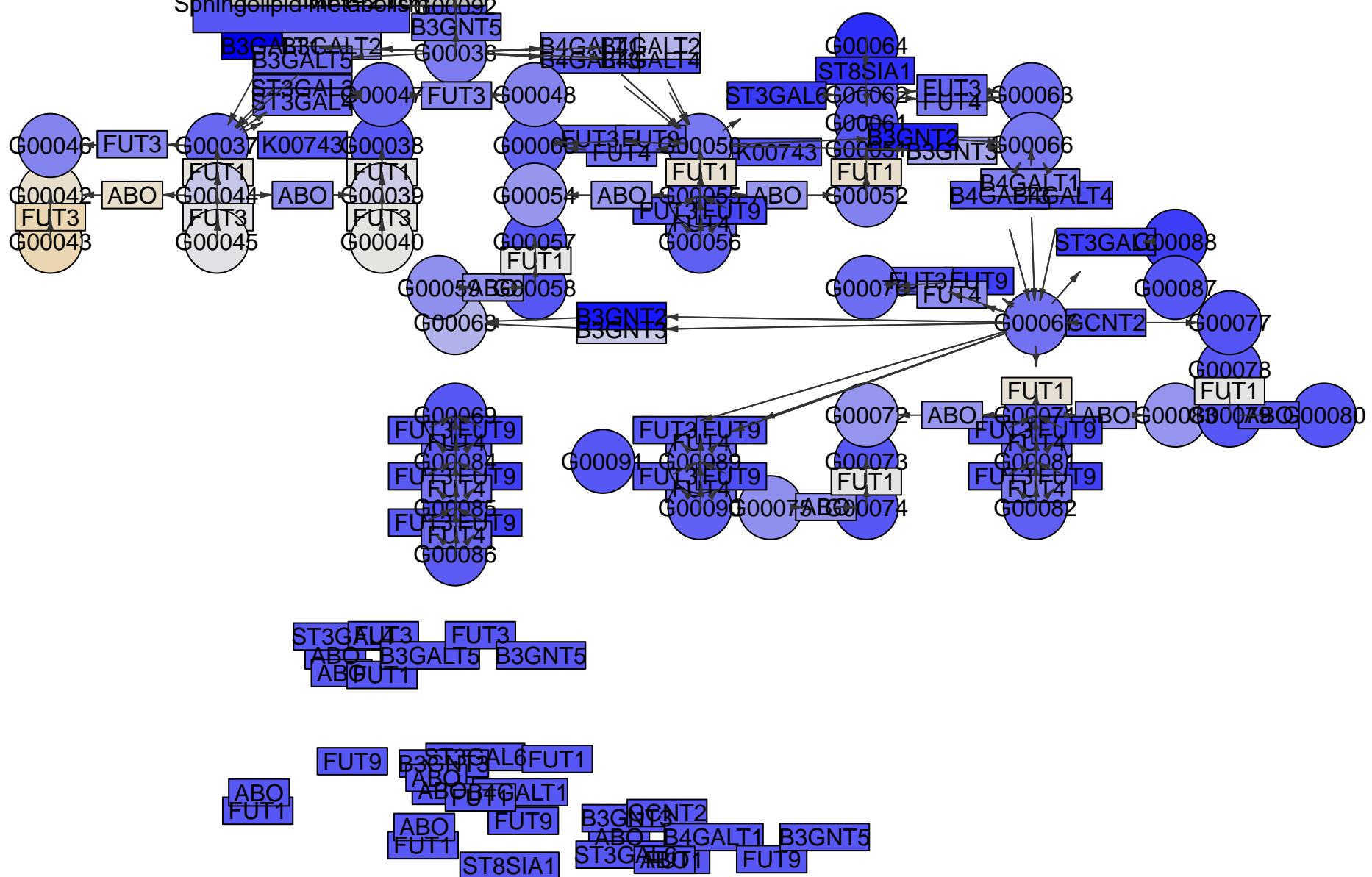
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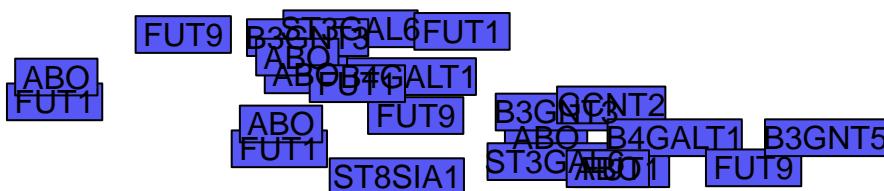
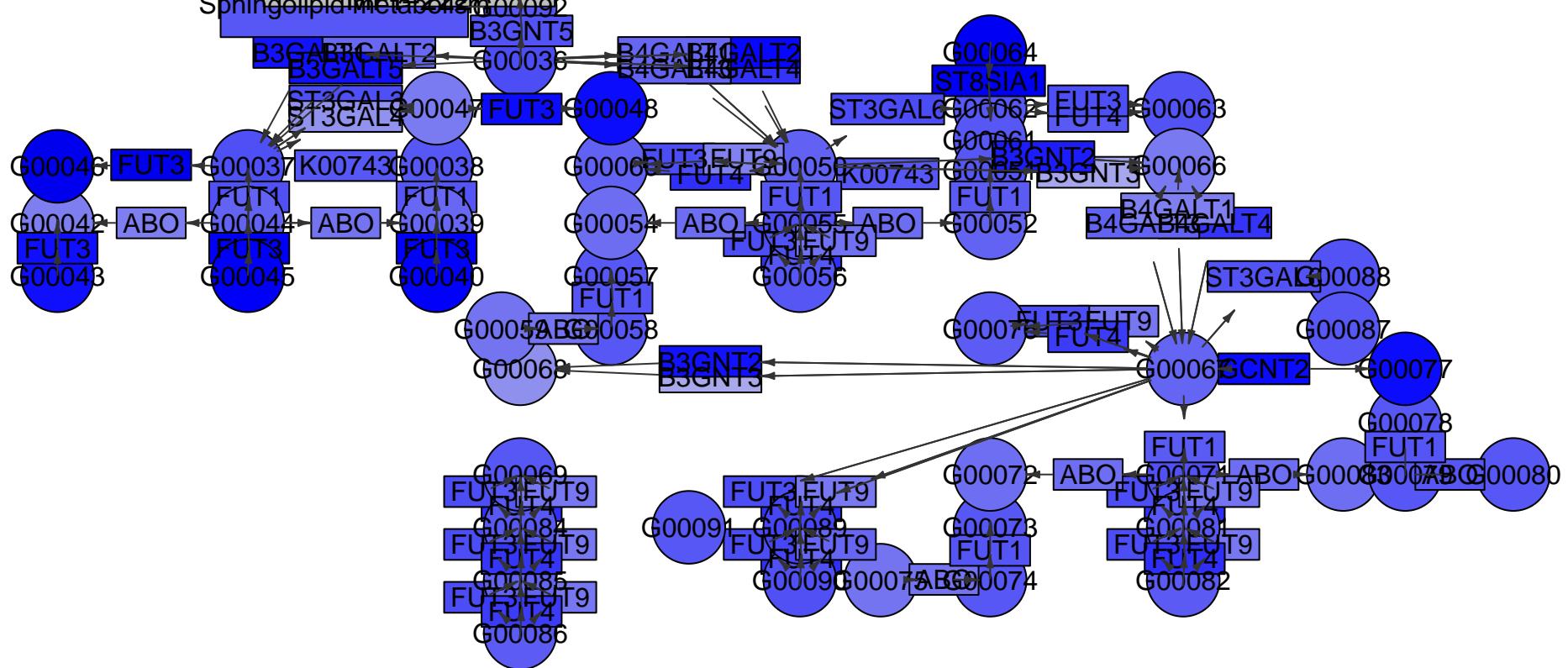
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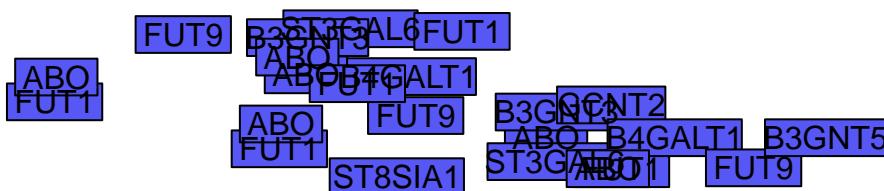
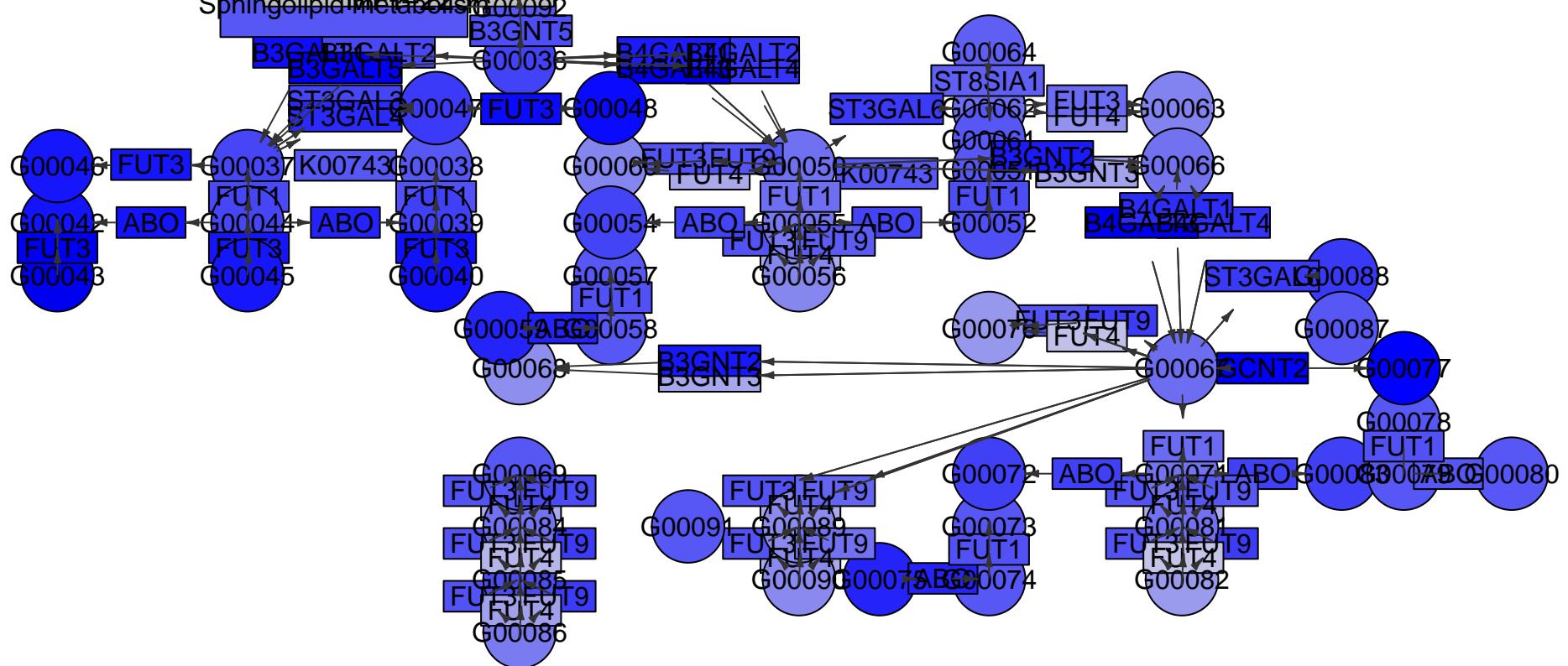
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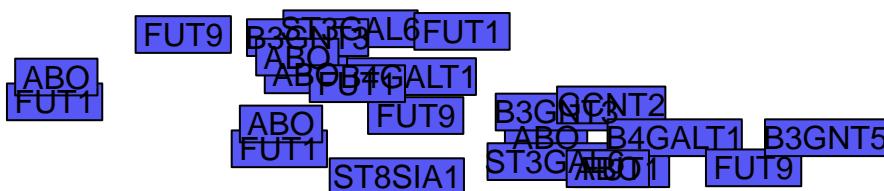
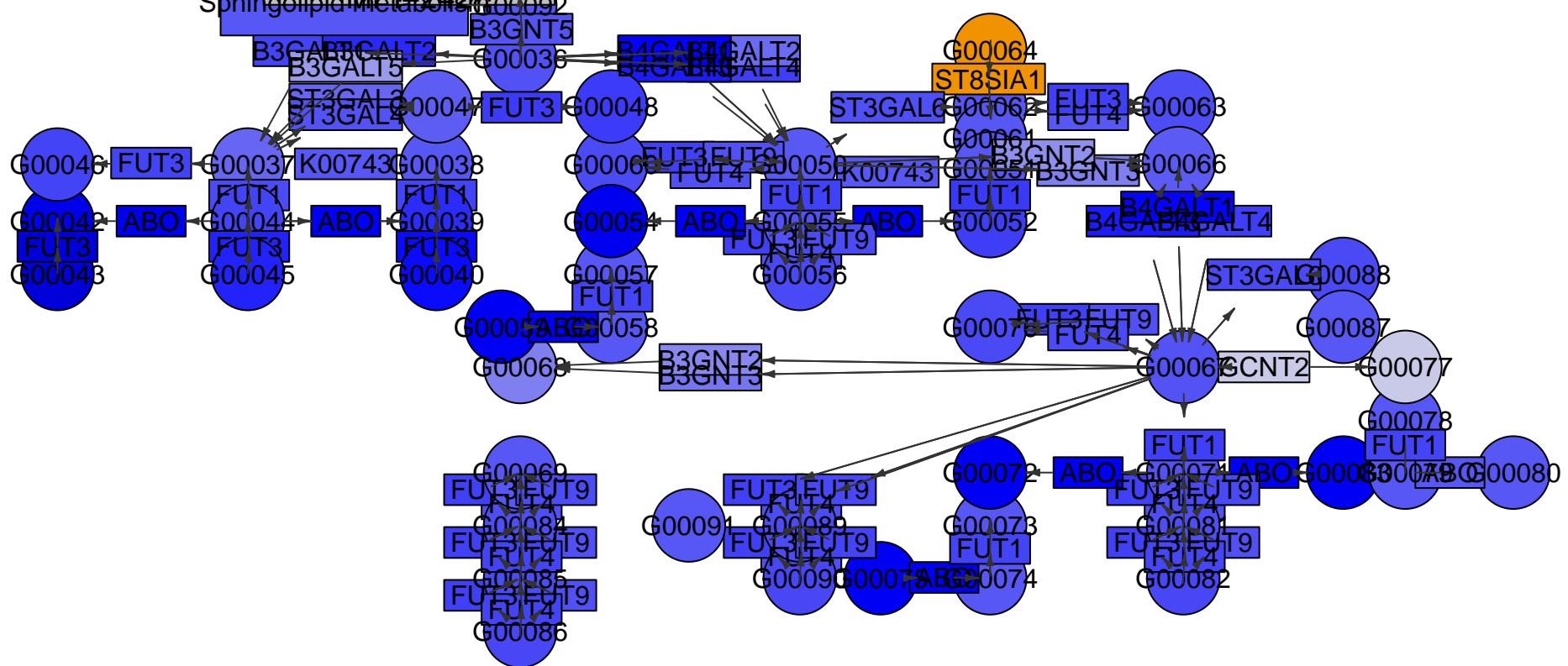
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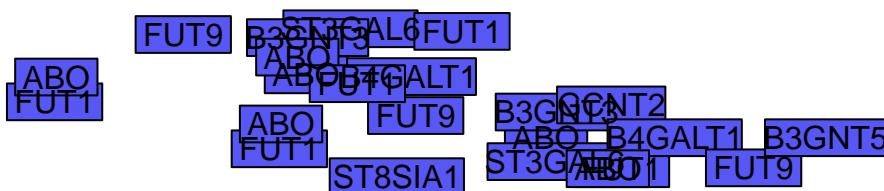
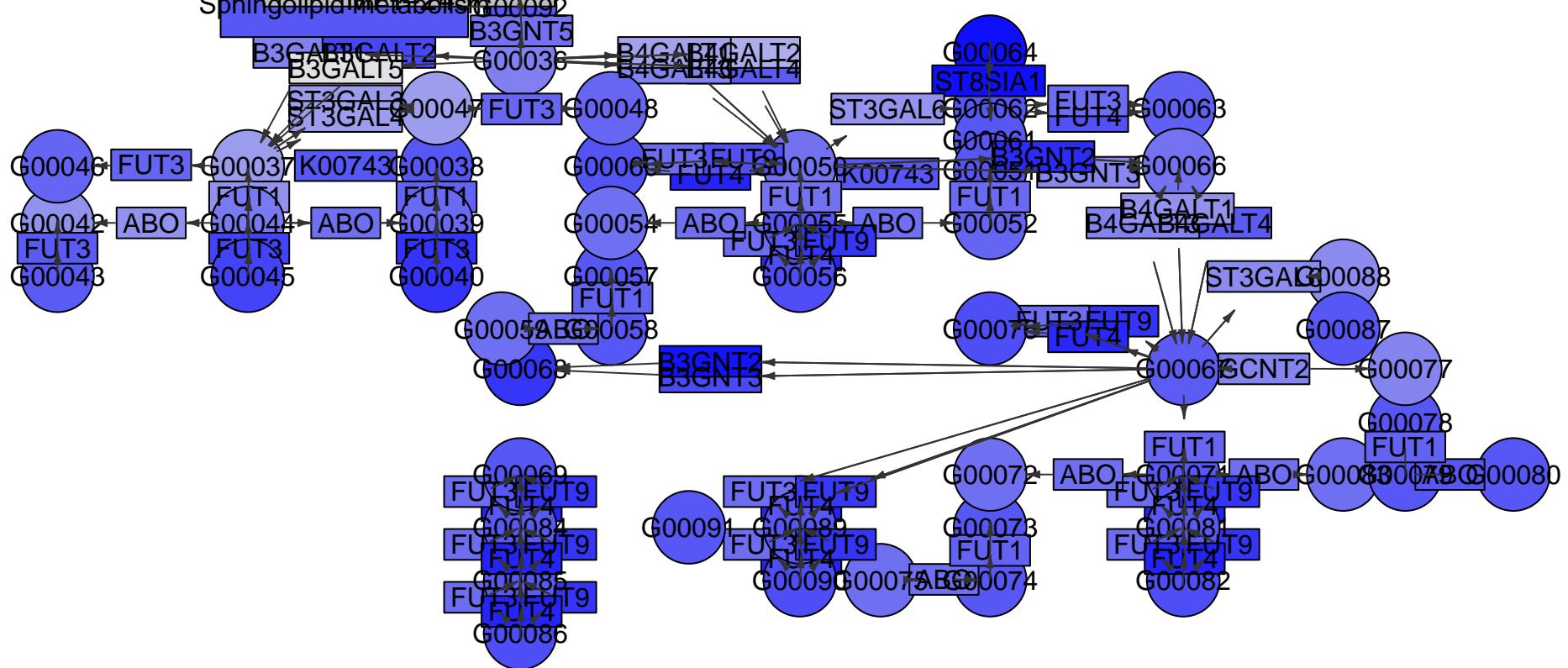
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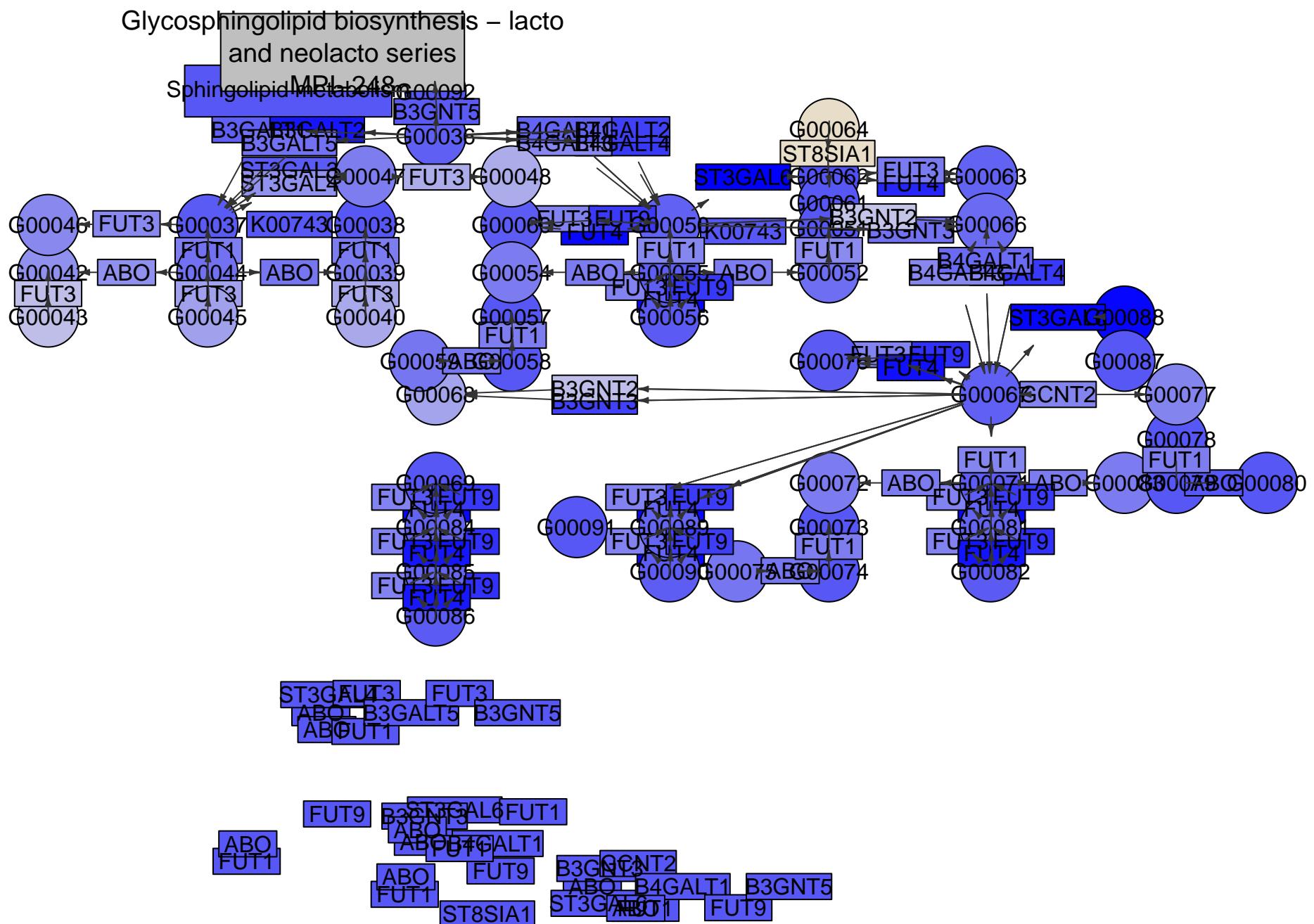


Glycosphingolipid biosynthesis – lacto and neolacto series

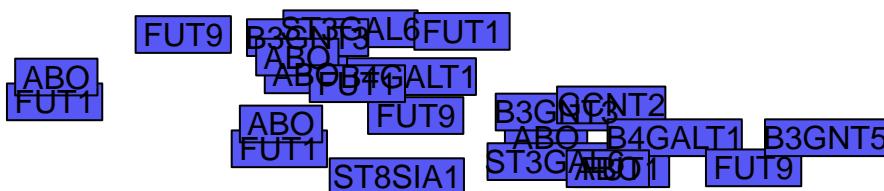
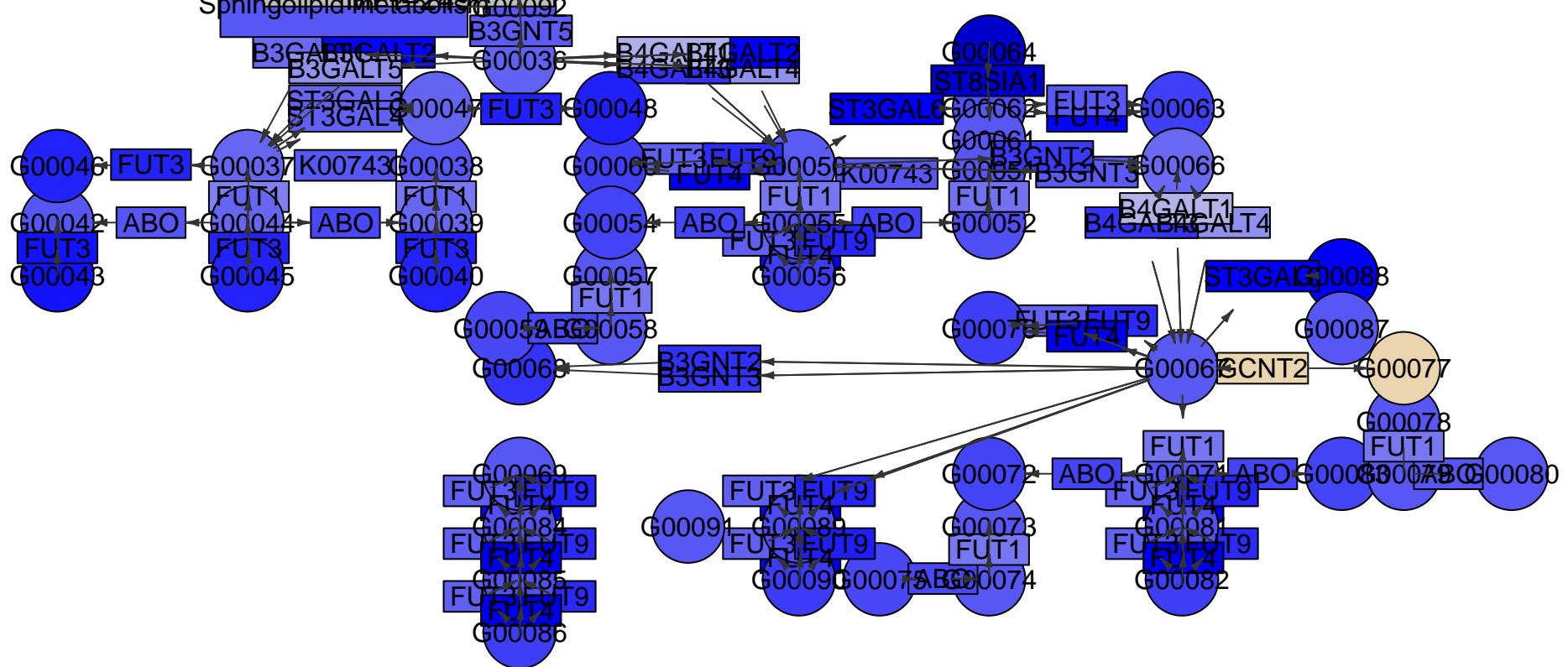


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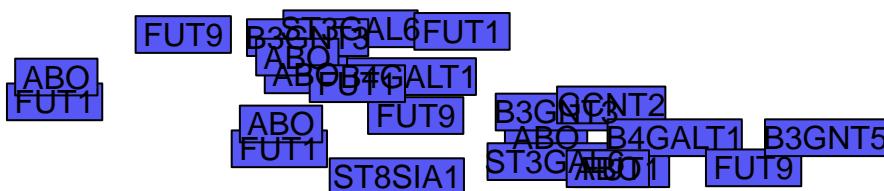
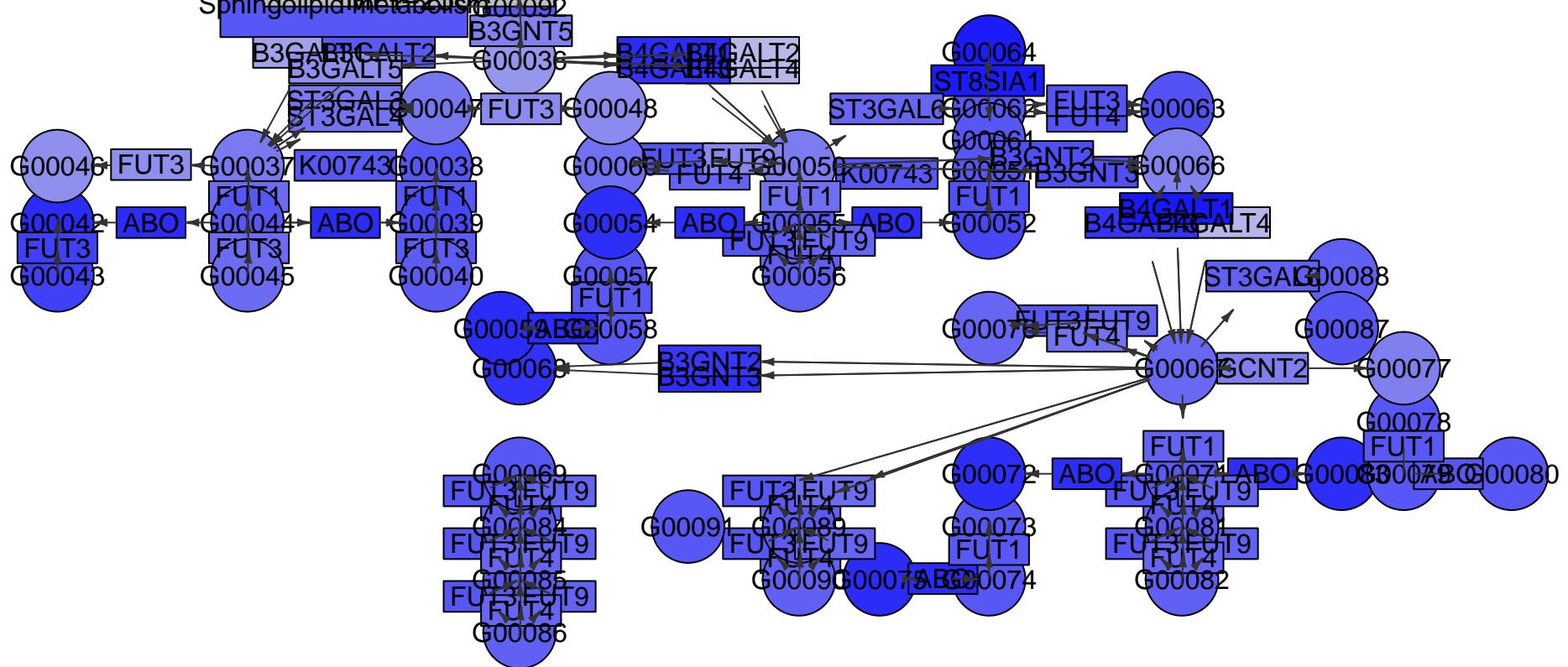




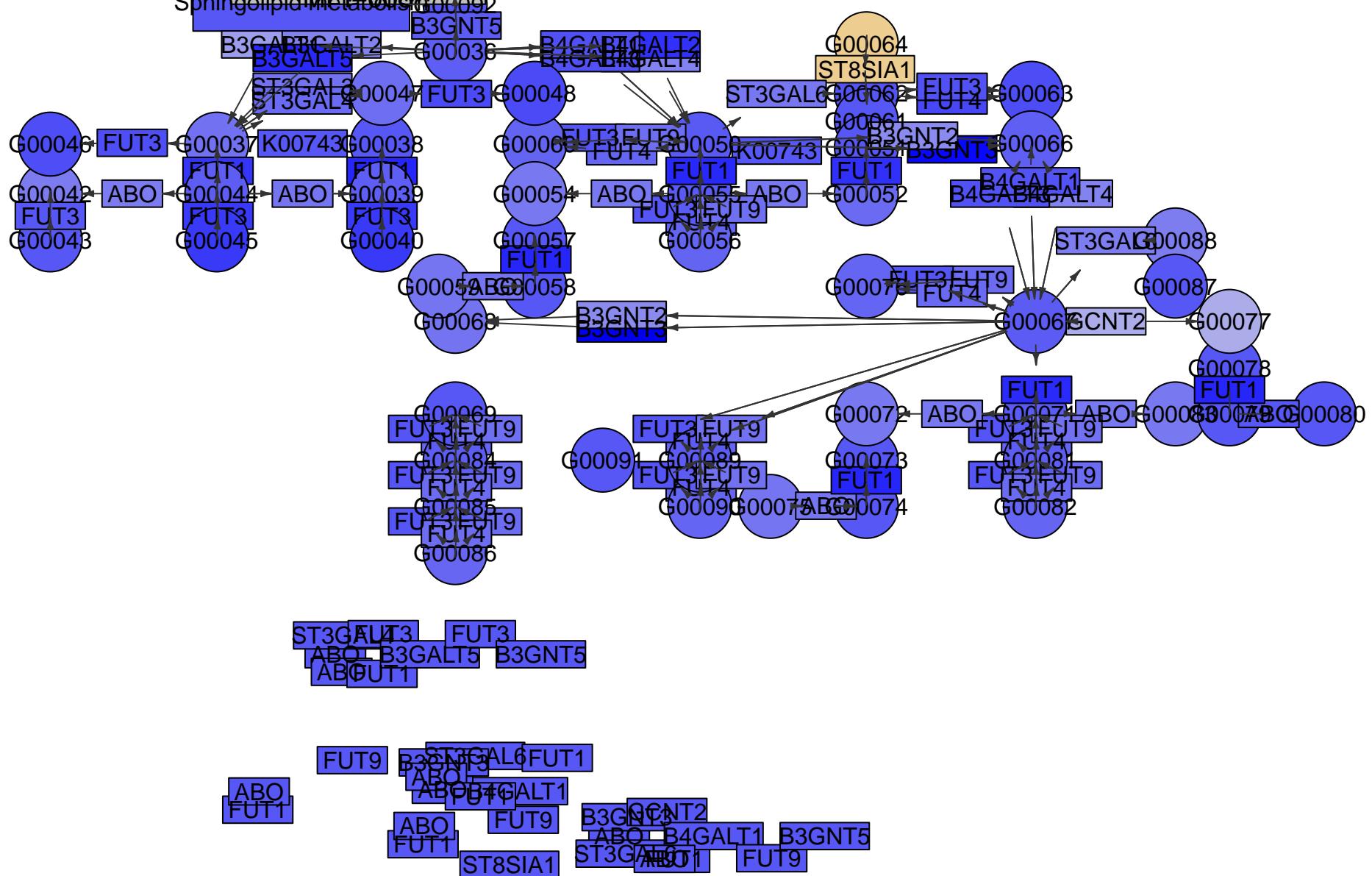
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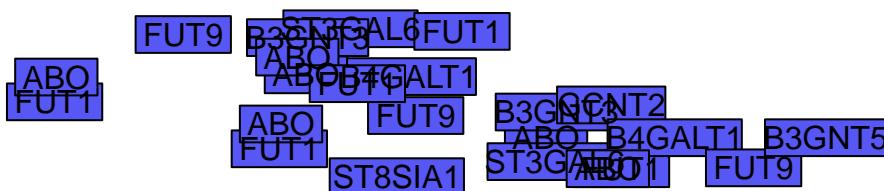
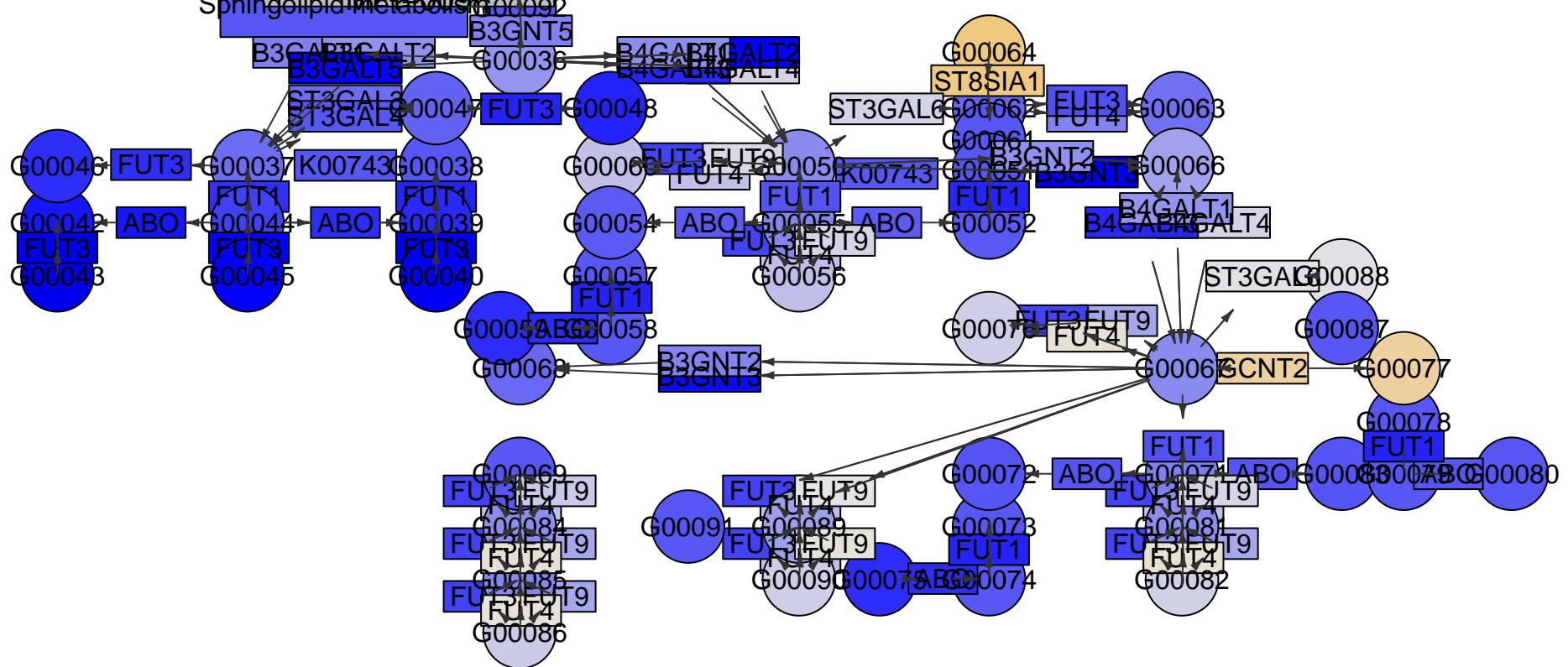
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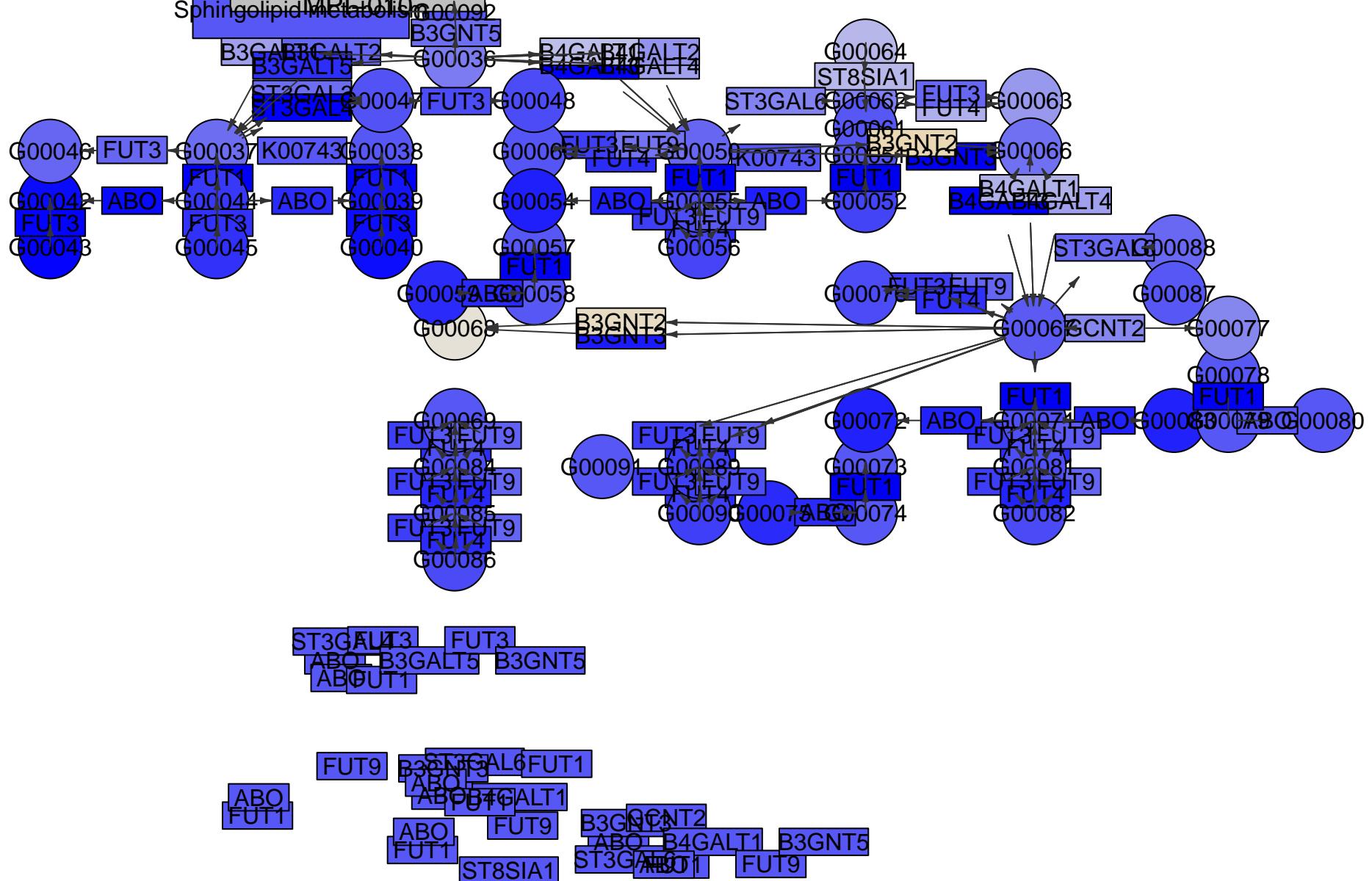
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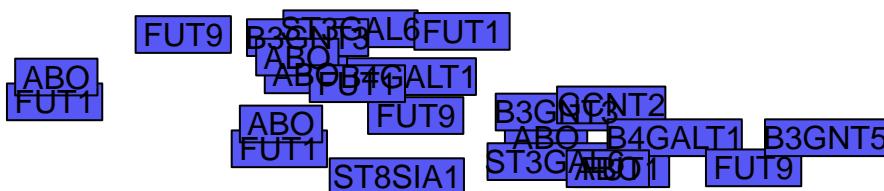
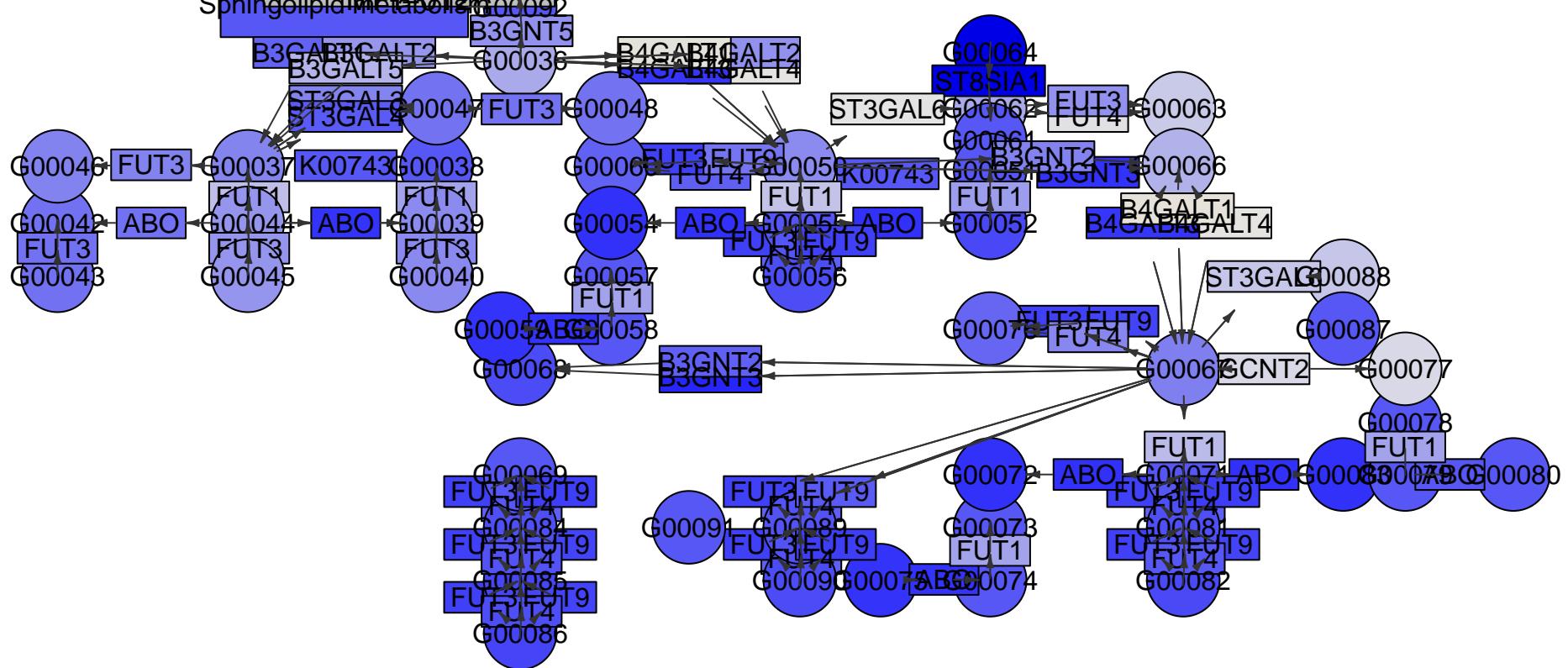
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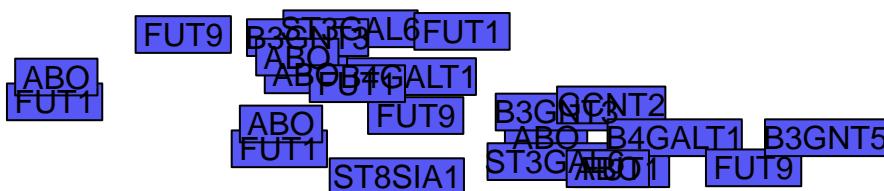
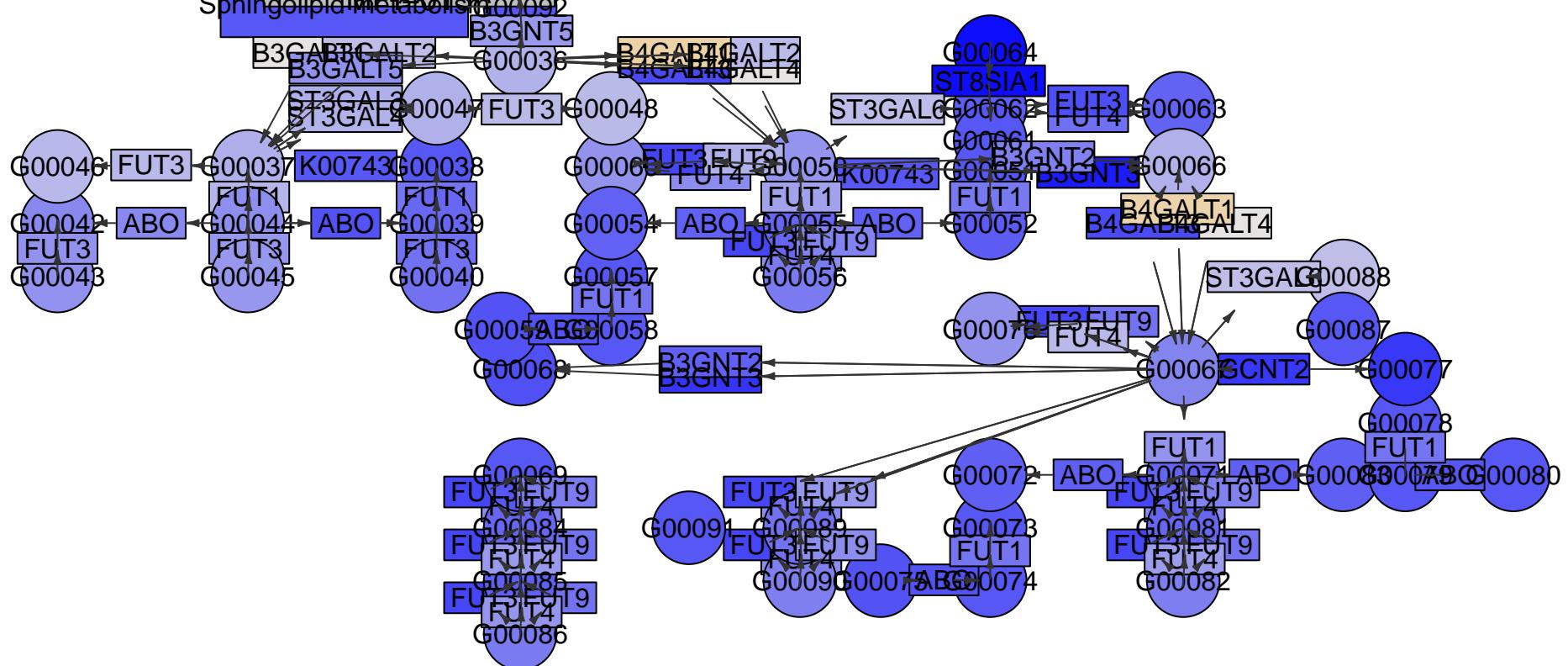
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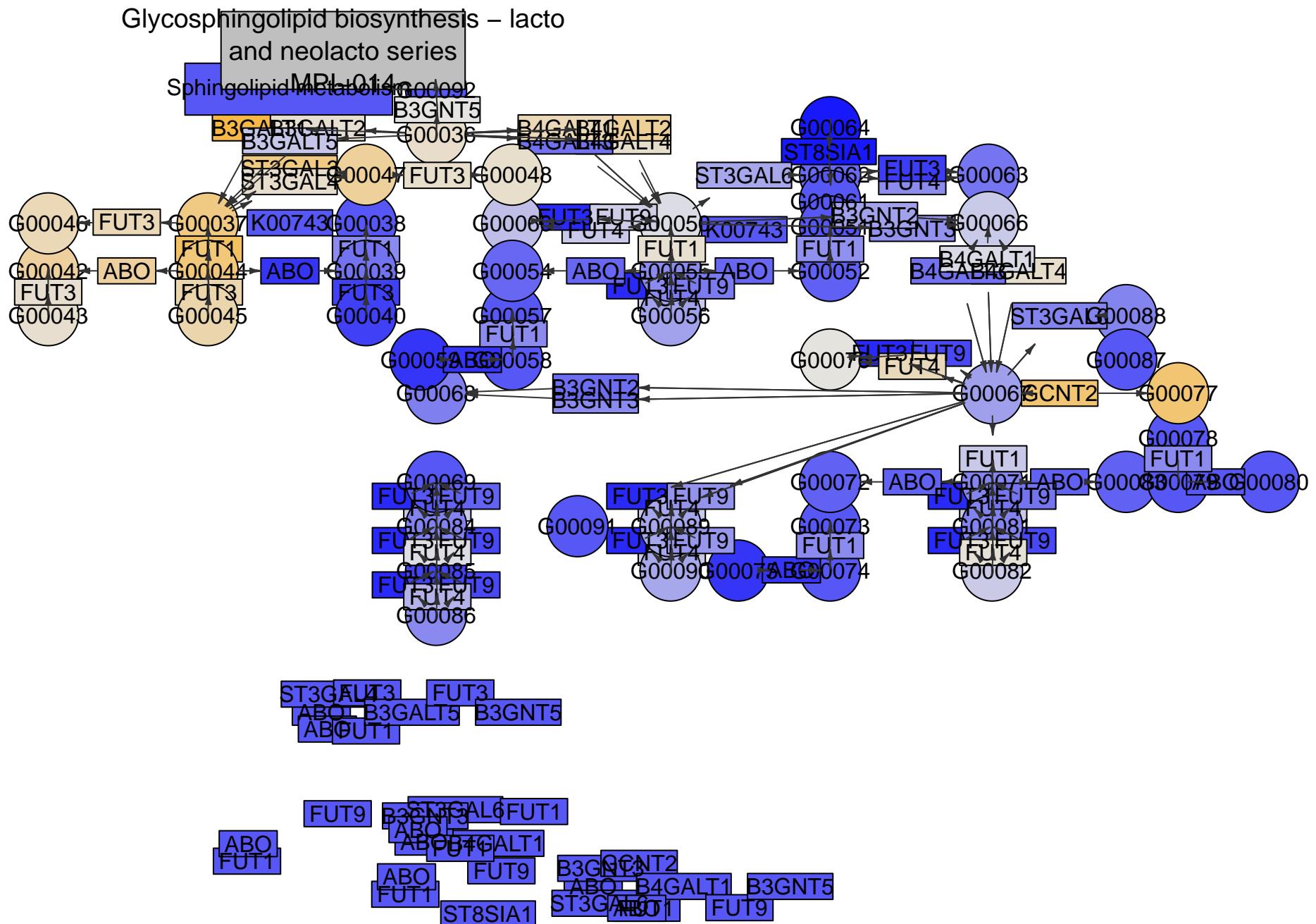


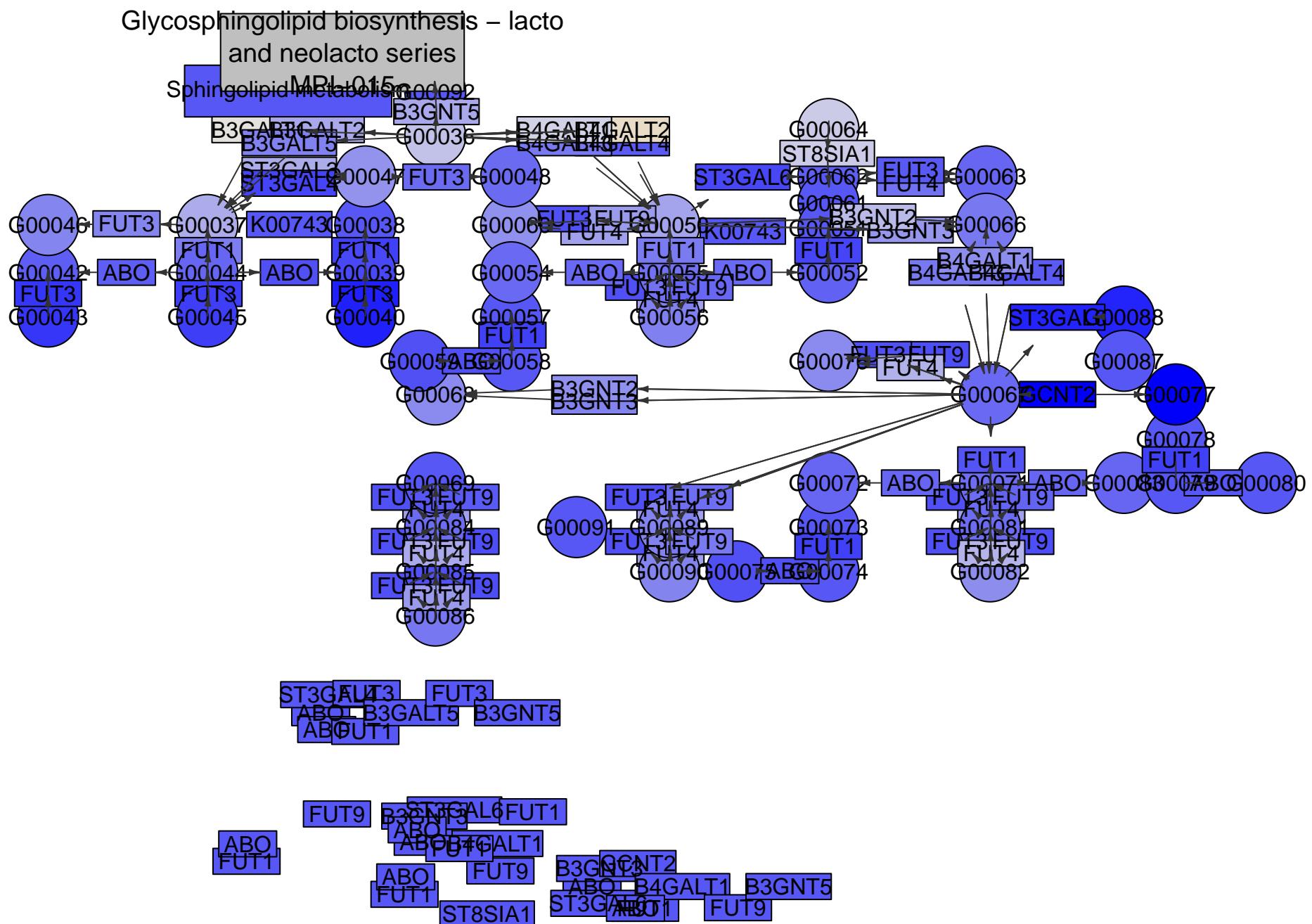
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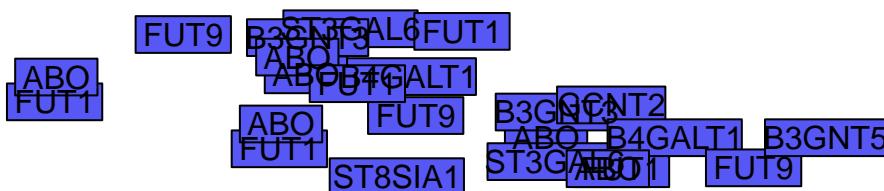
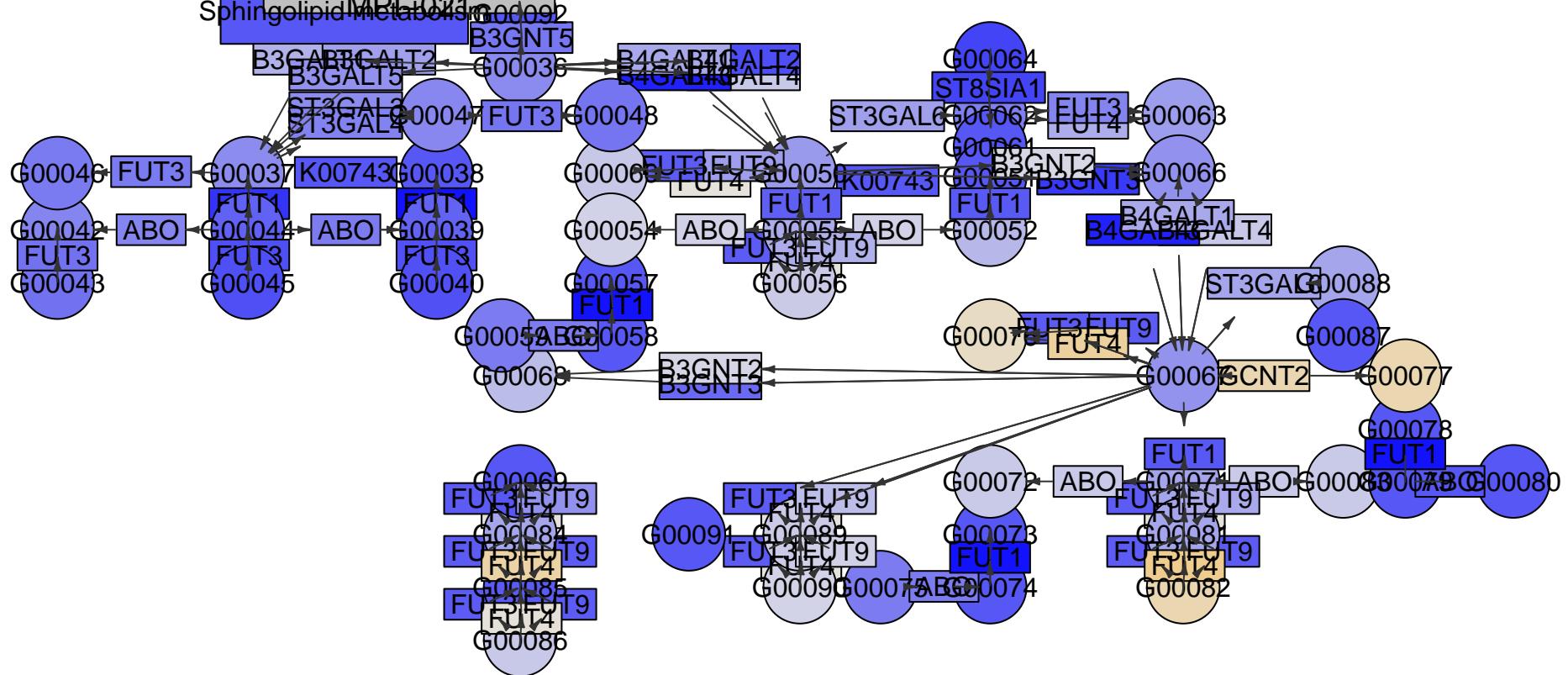
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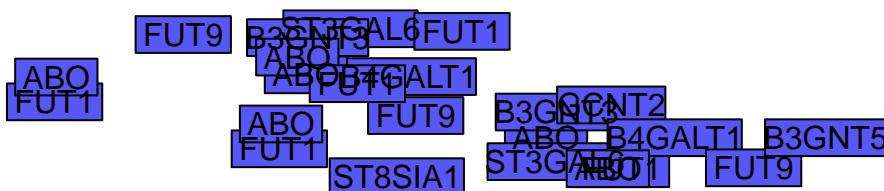
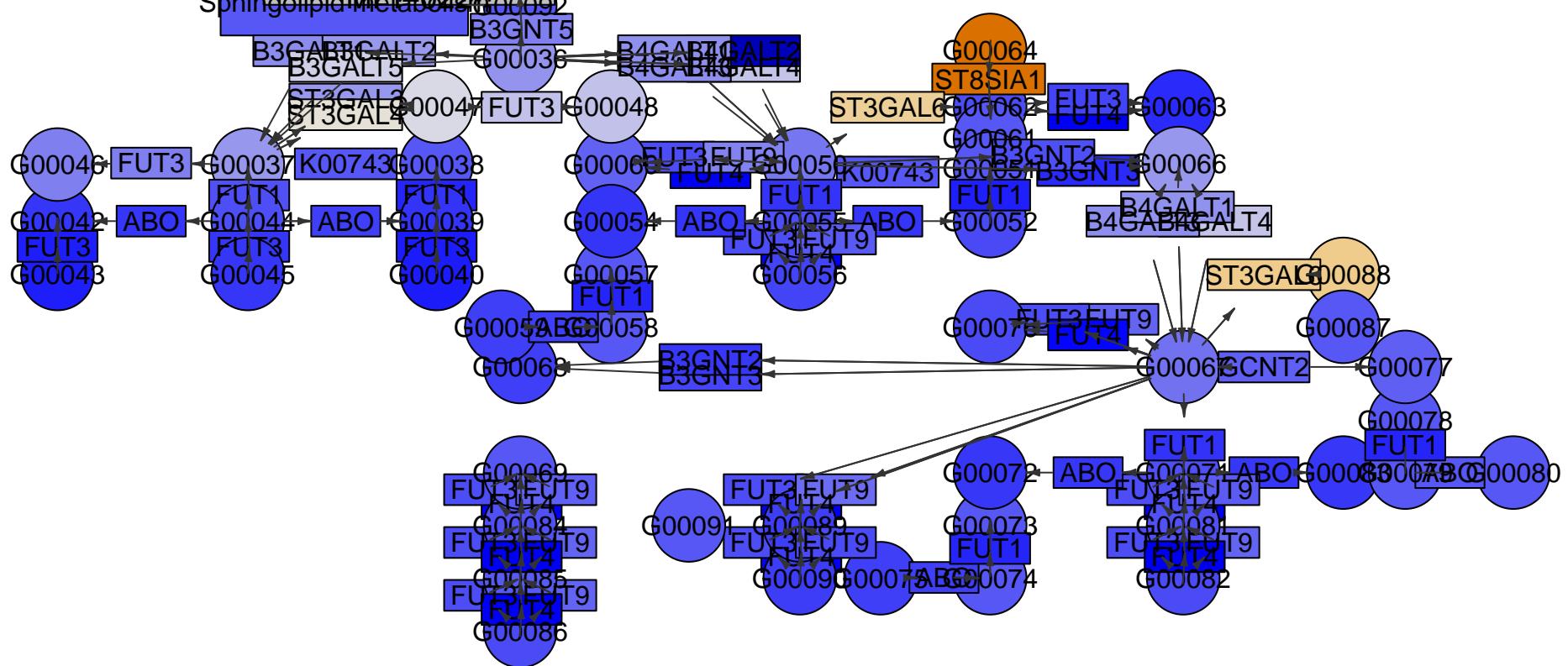




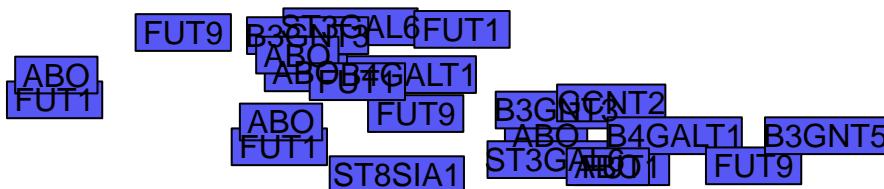
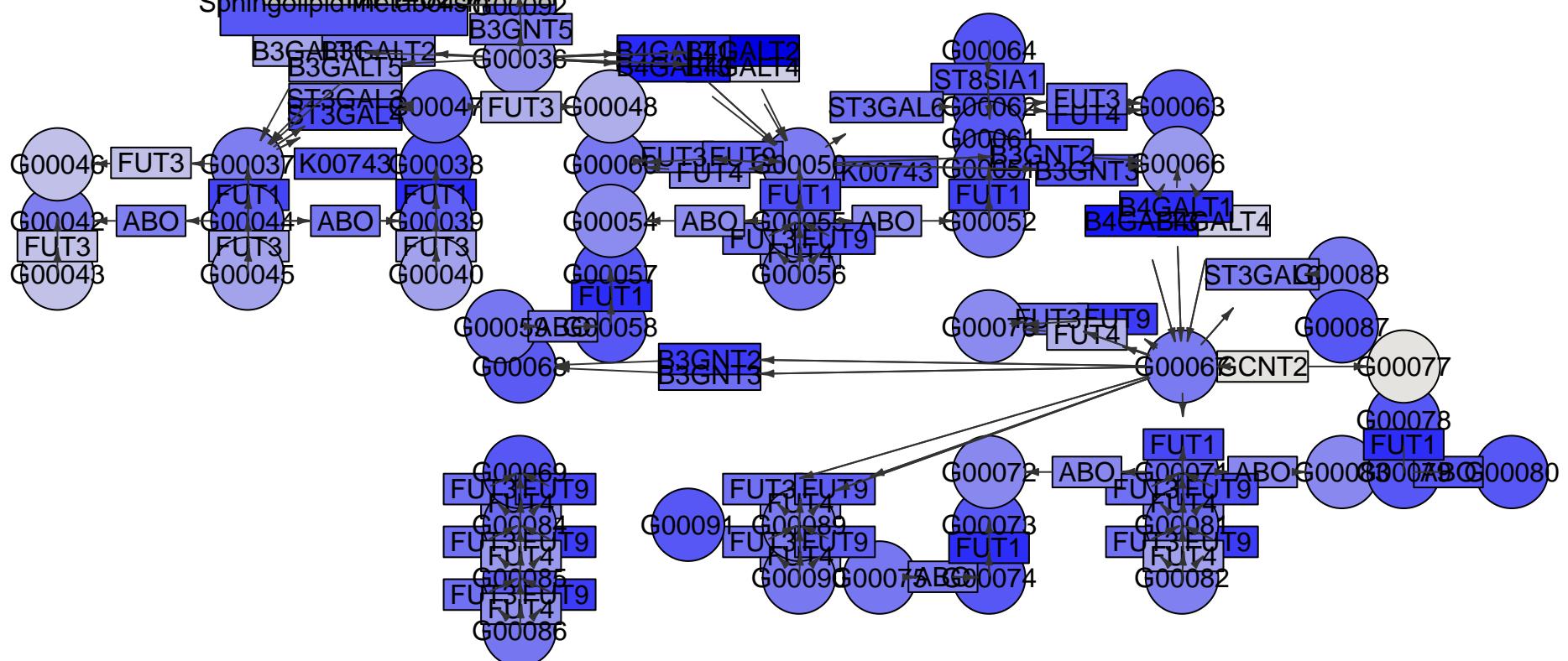
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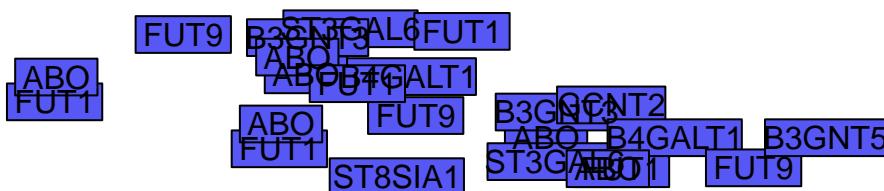
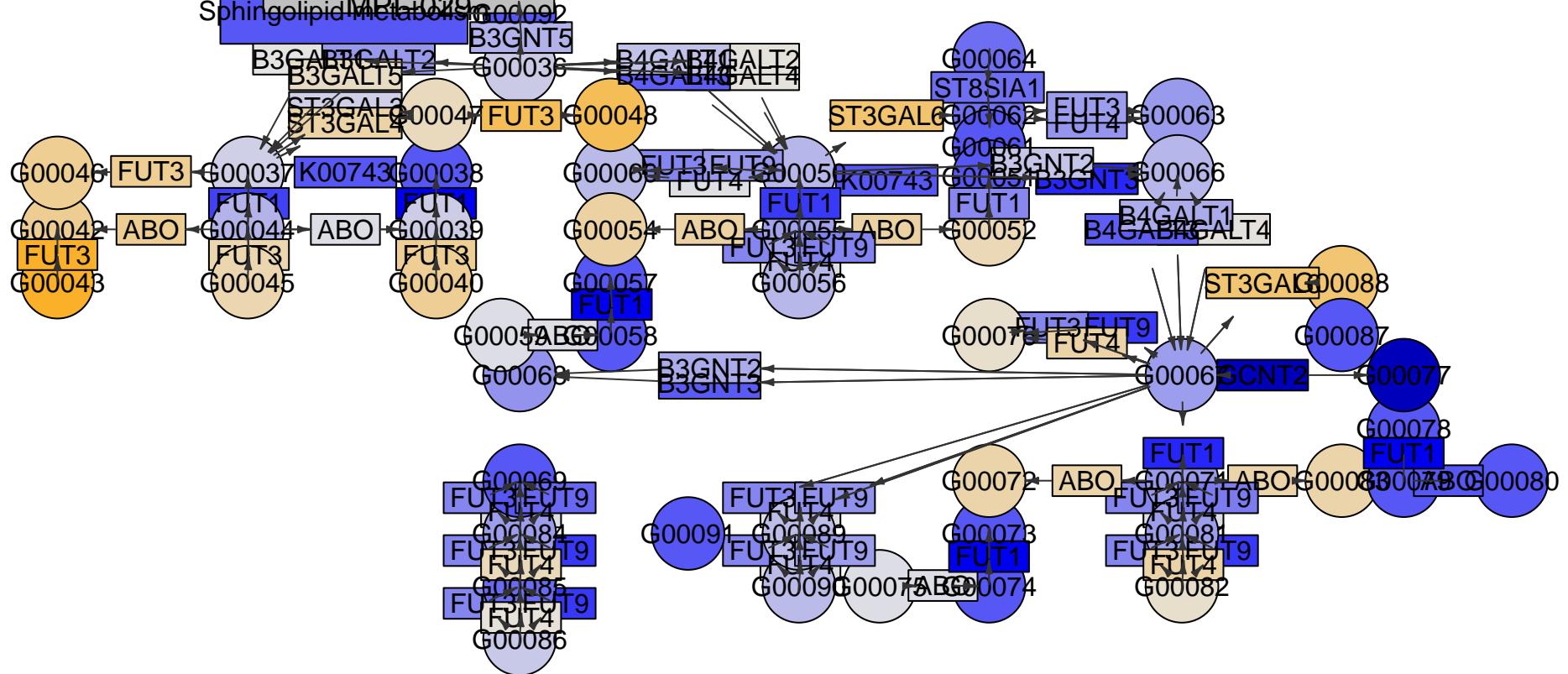
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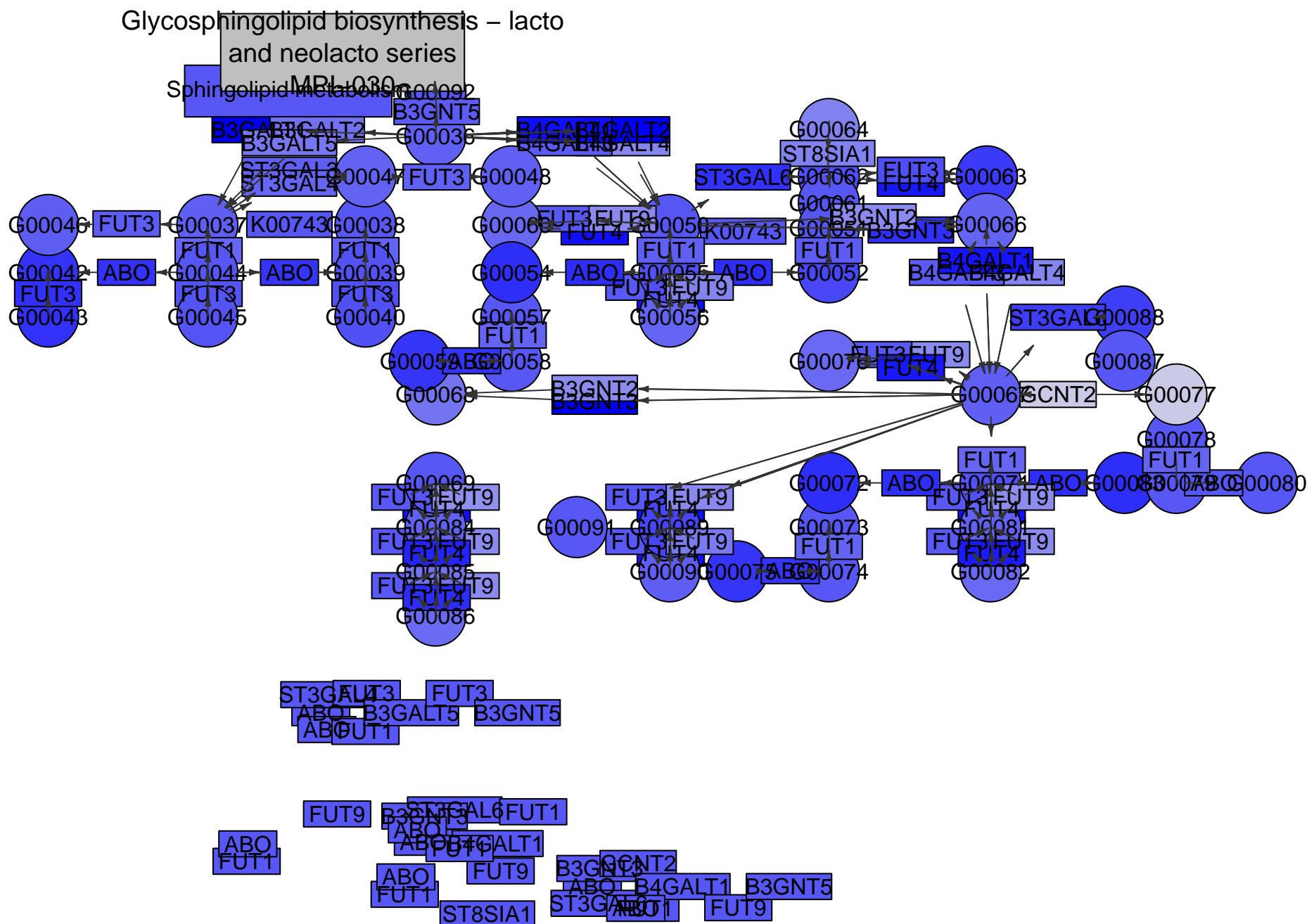


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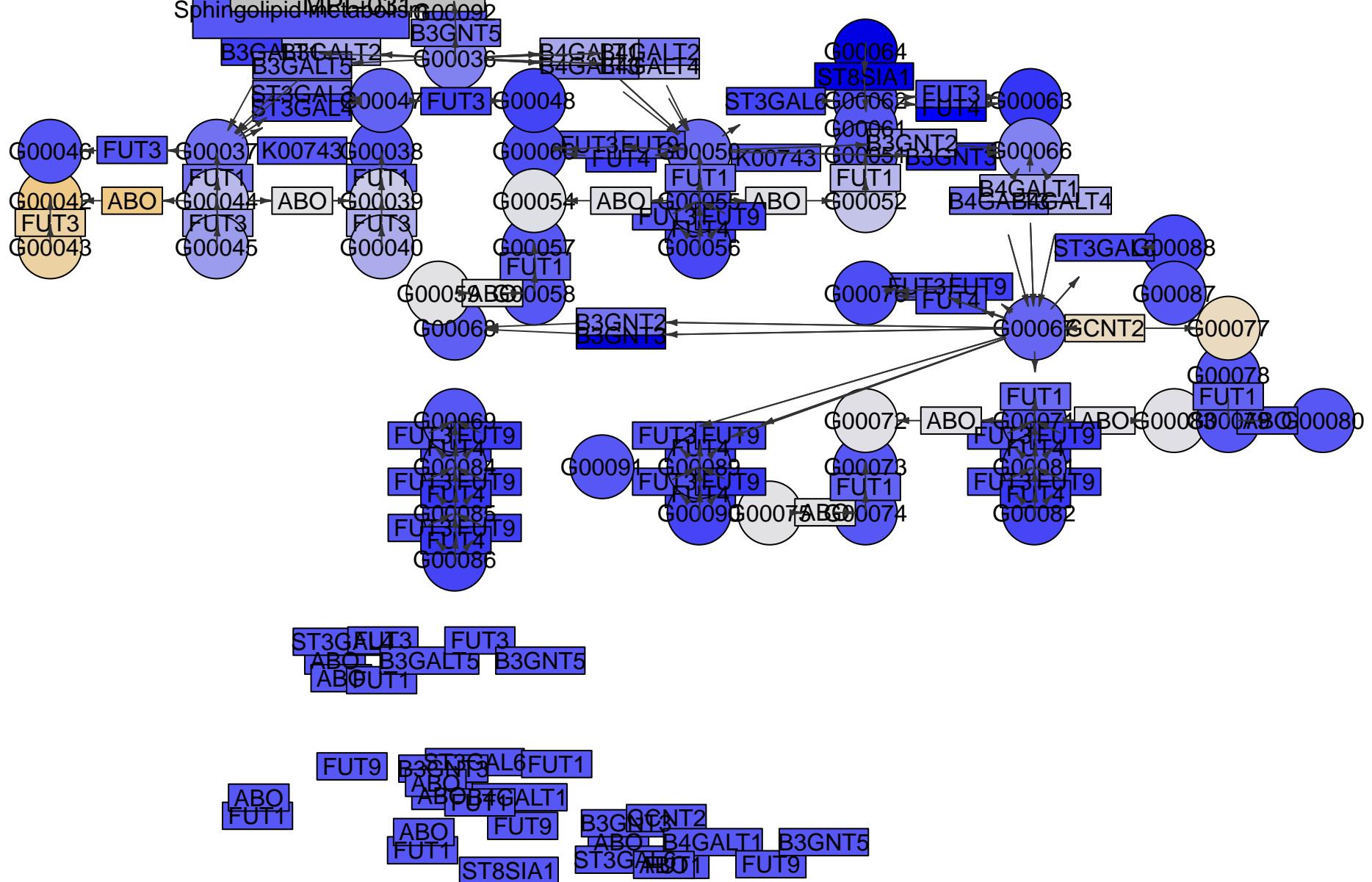


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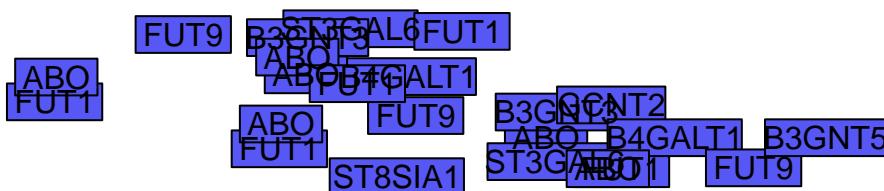
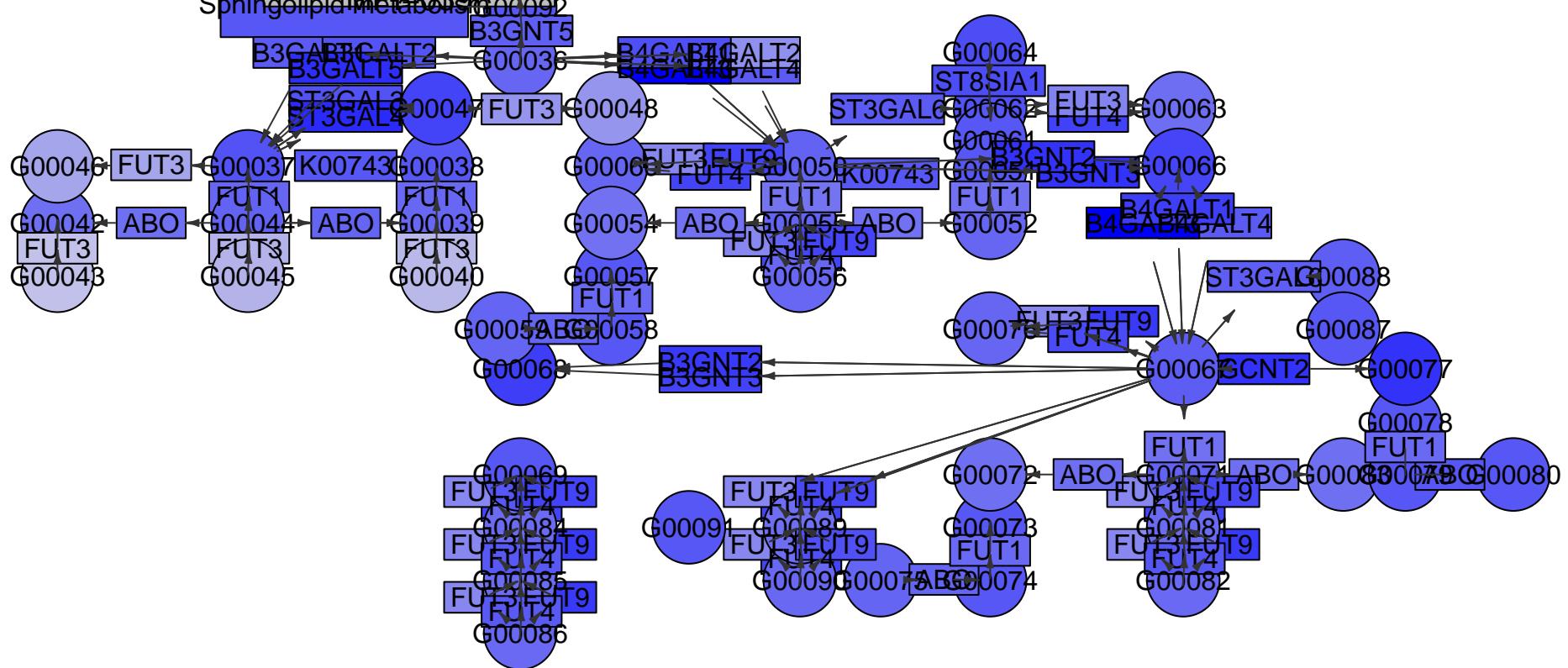




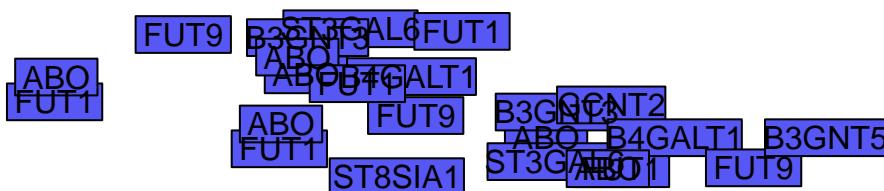
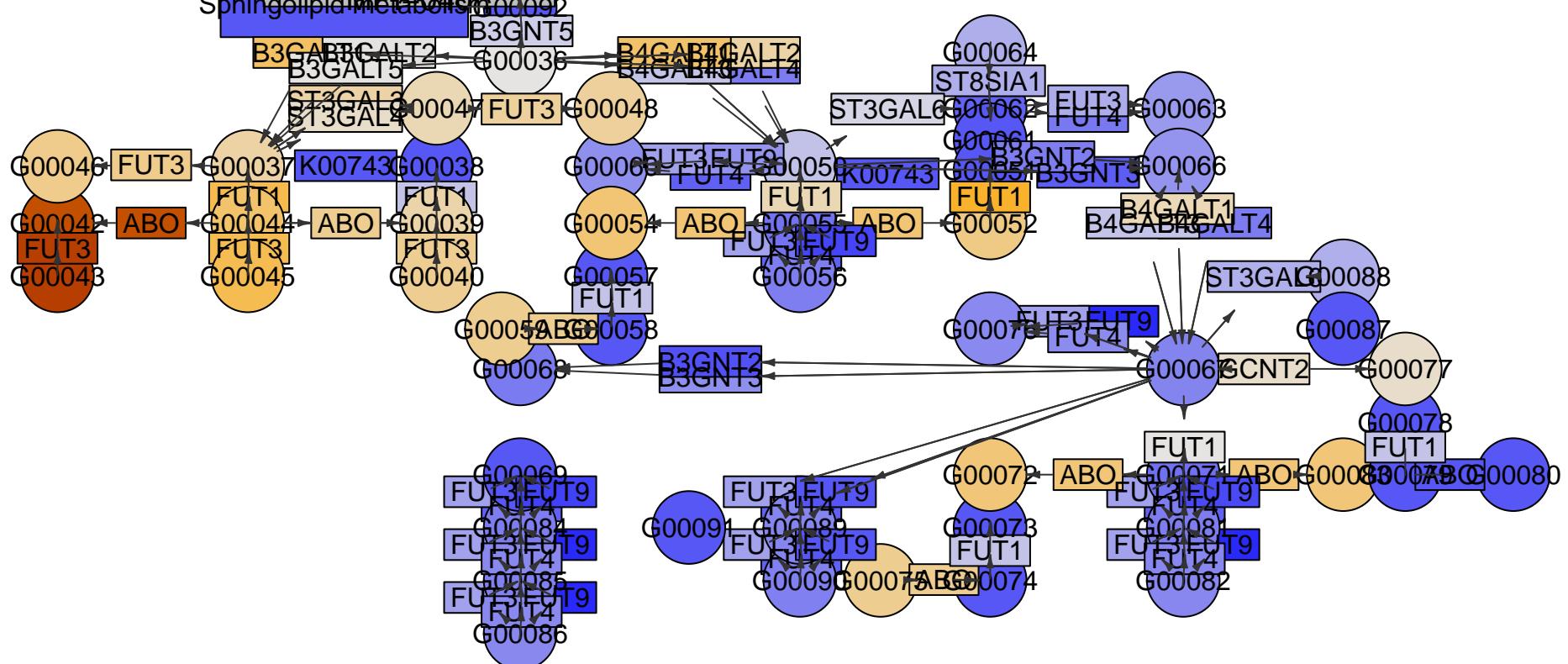
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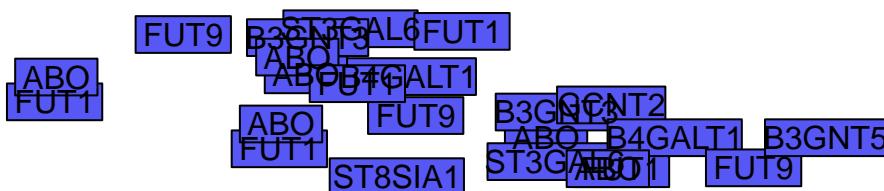
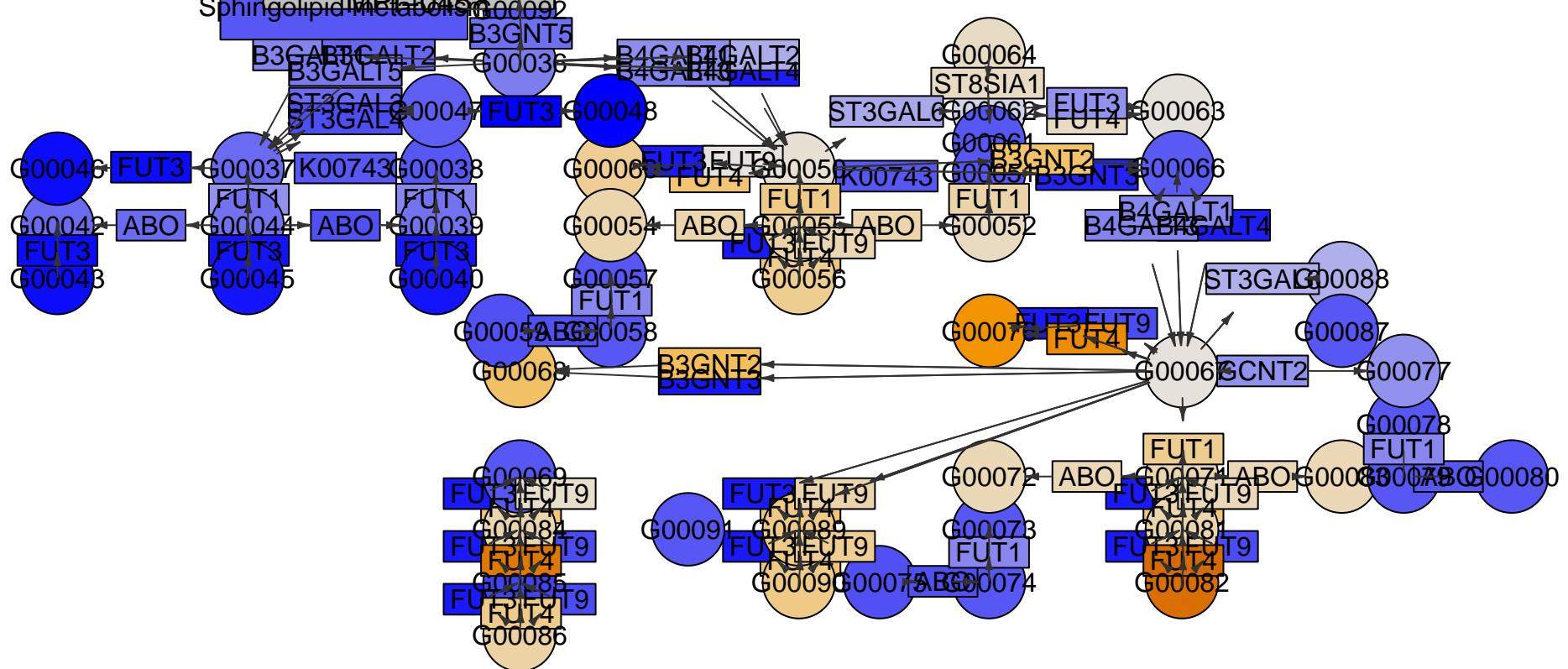
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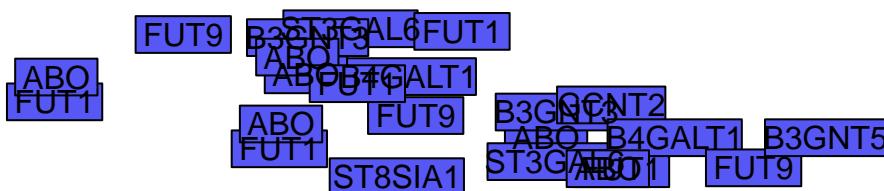
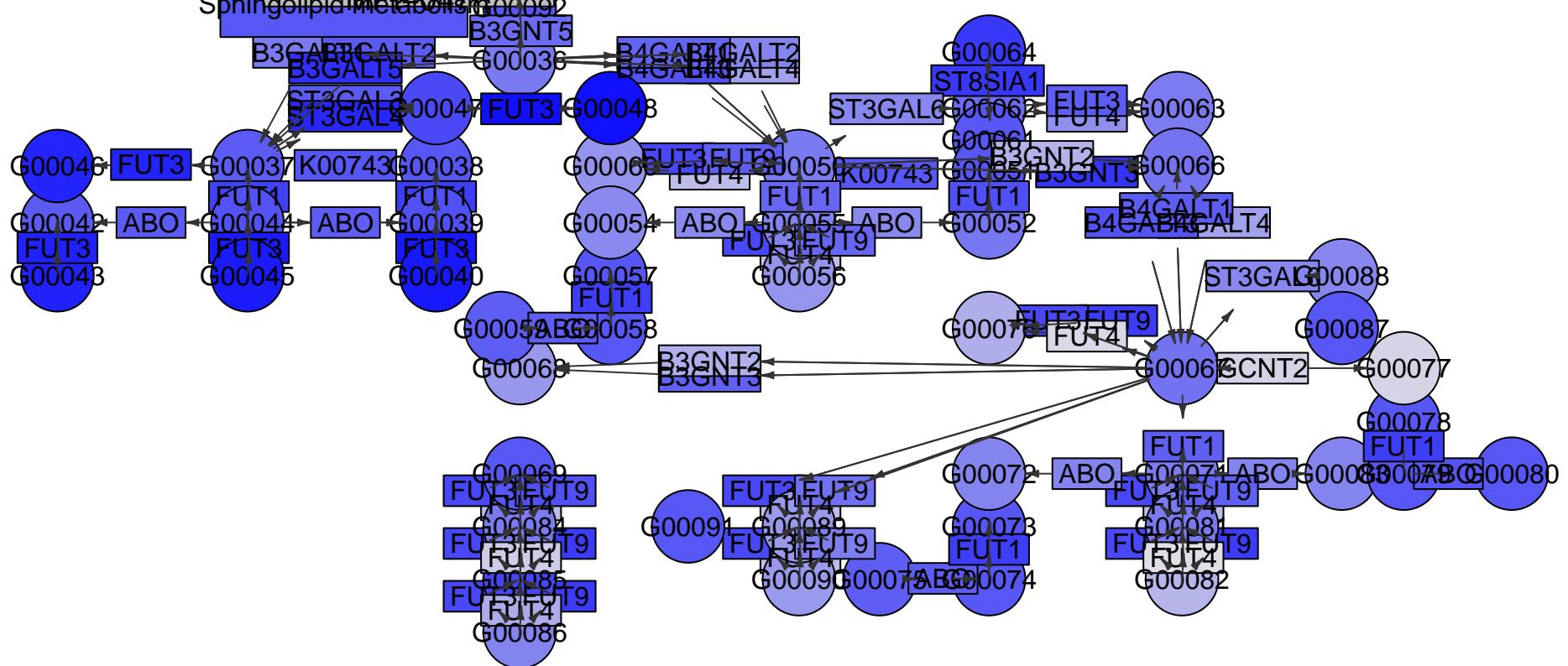
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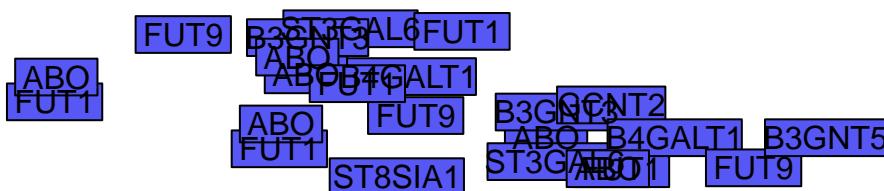
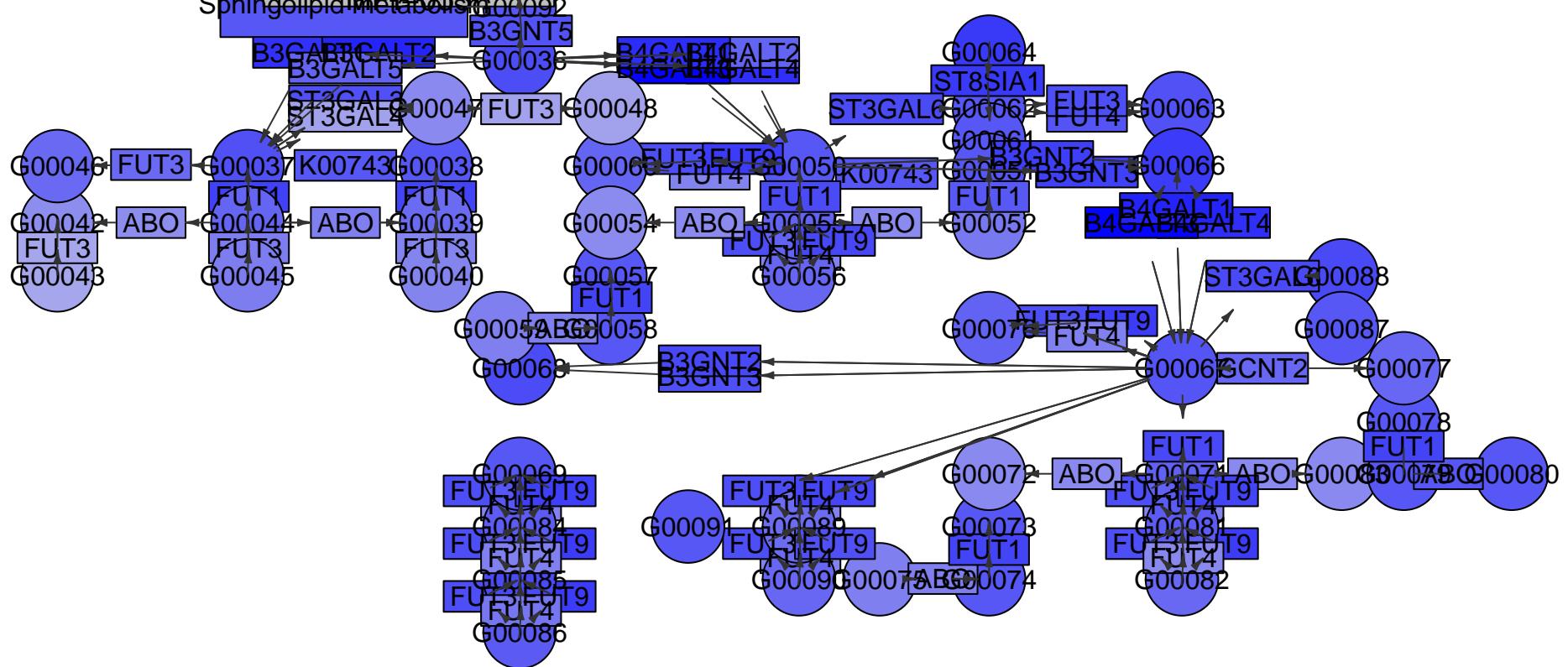
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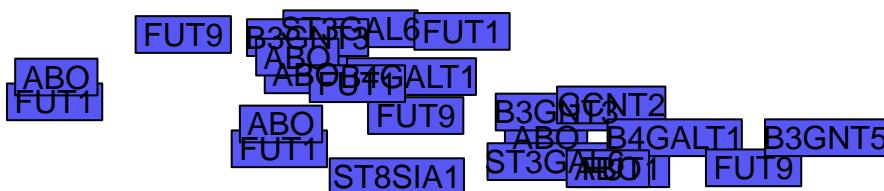
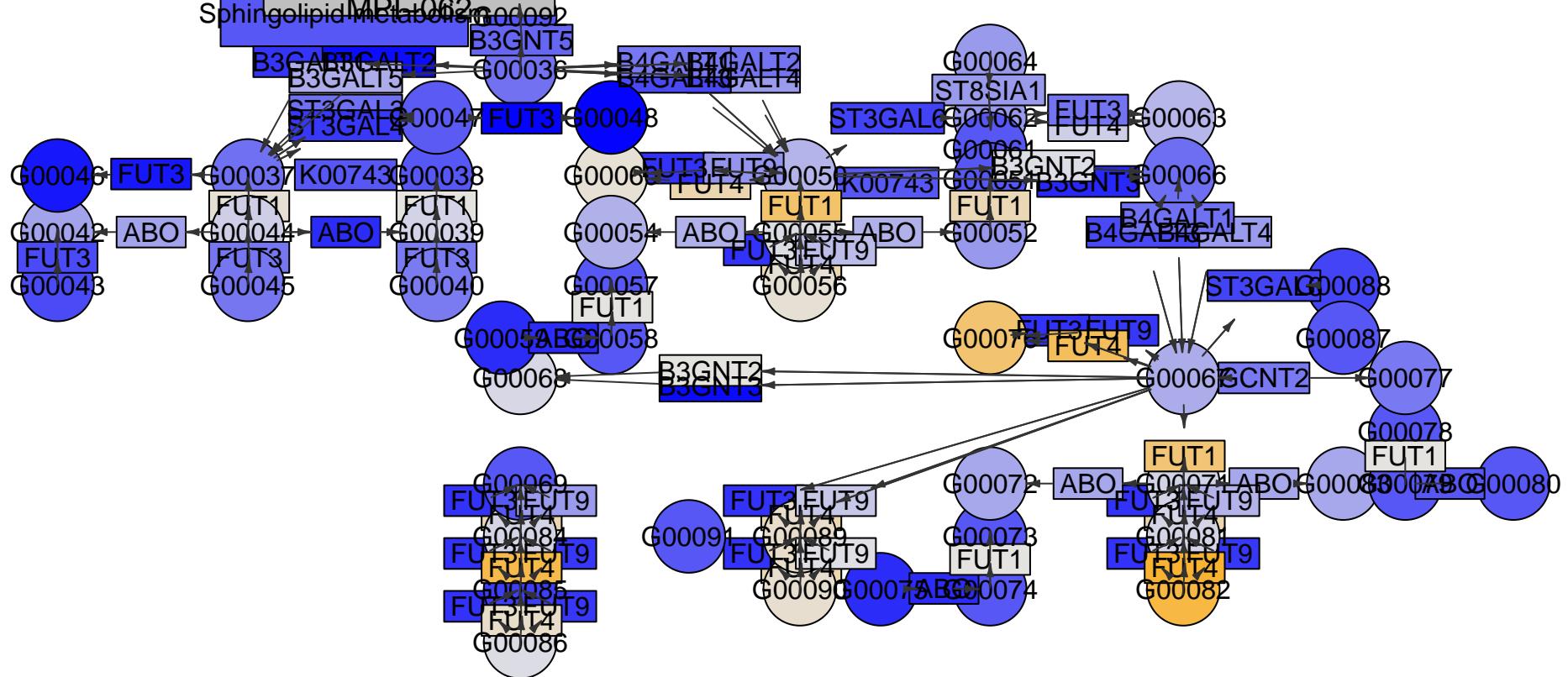
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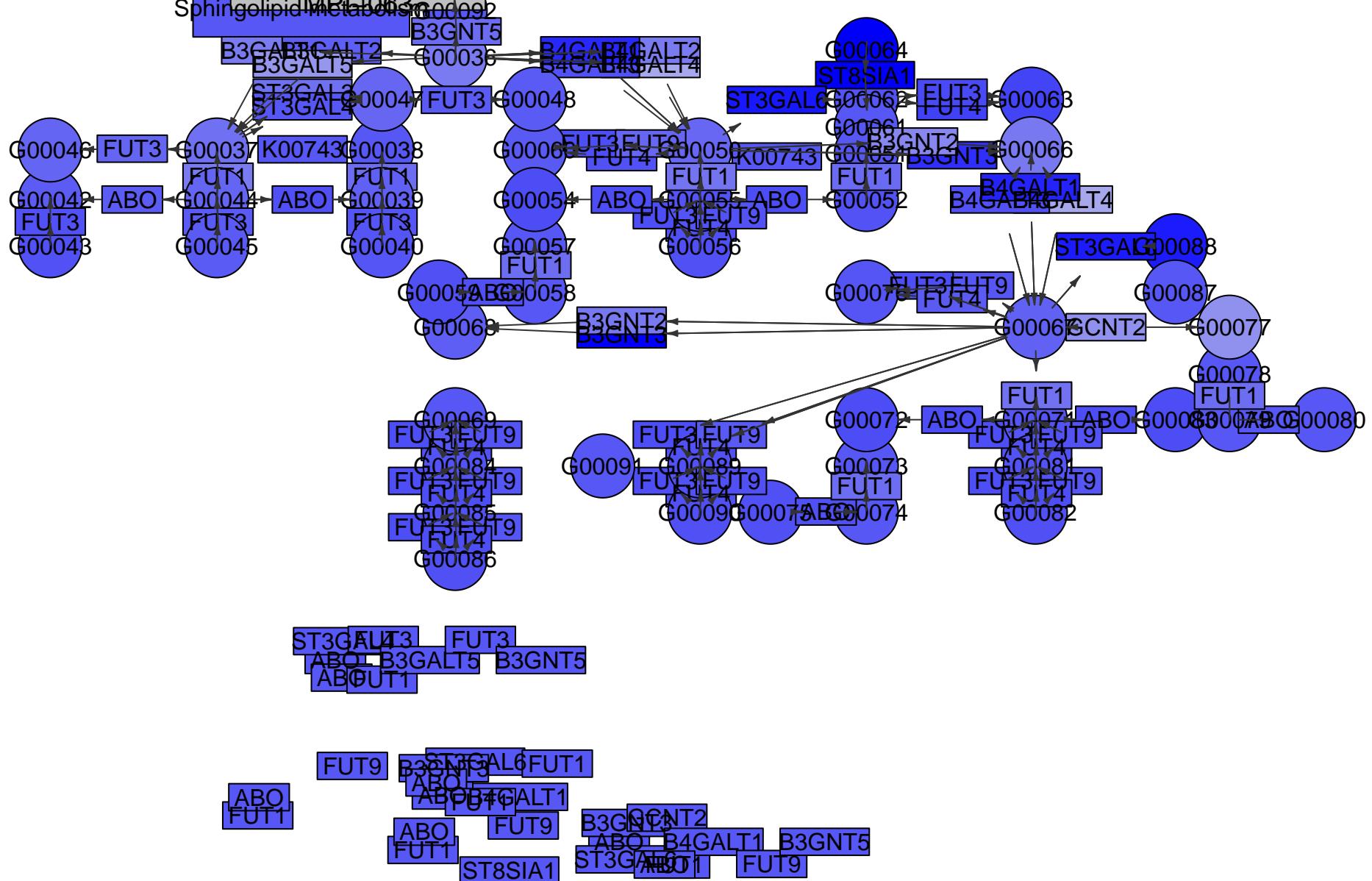
Glycosphingolipid biosynthesis – lacto and neolacto series



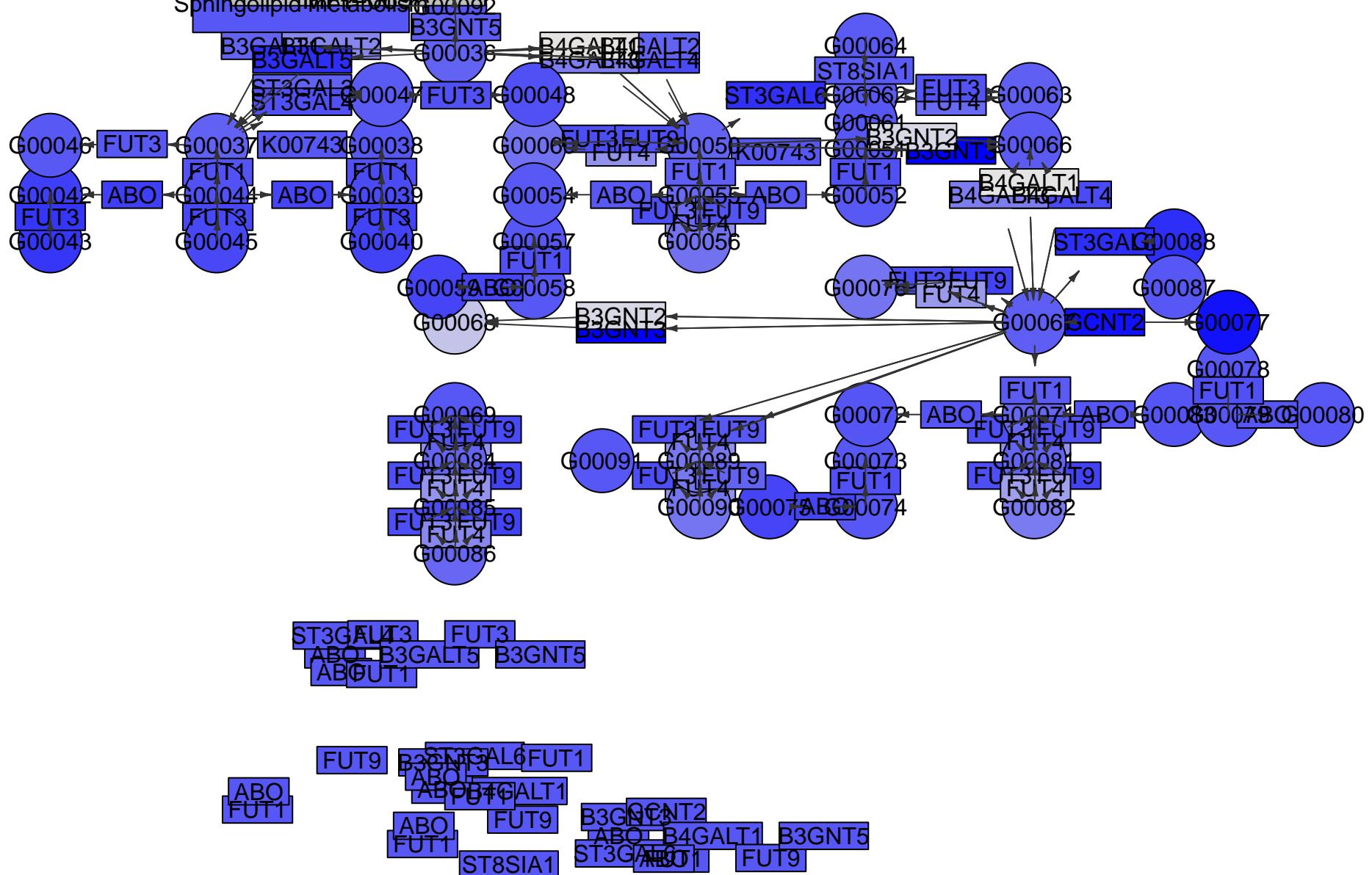
Glycosphingolipid biosynthesis – lacto and neolacto series



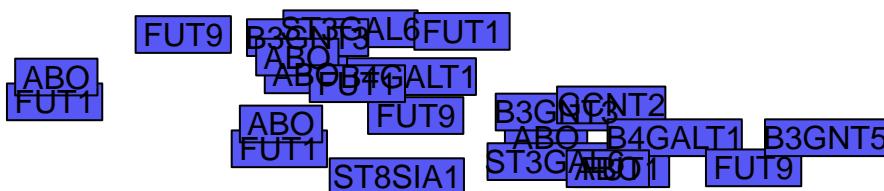
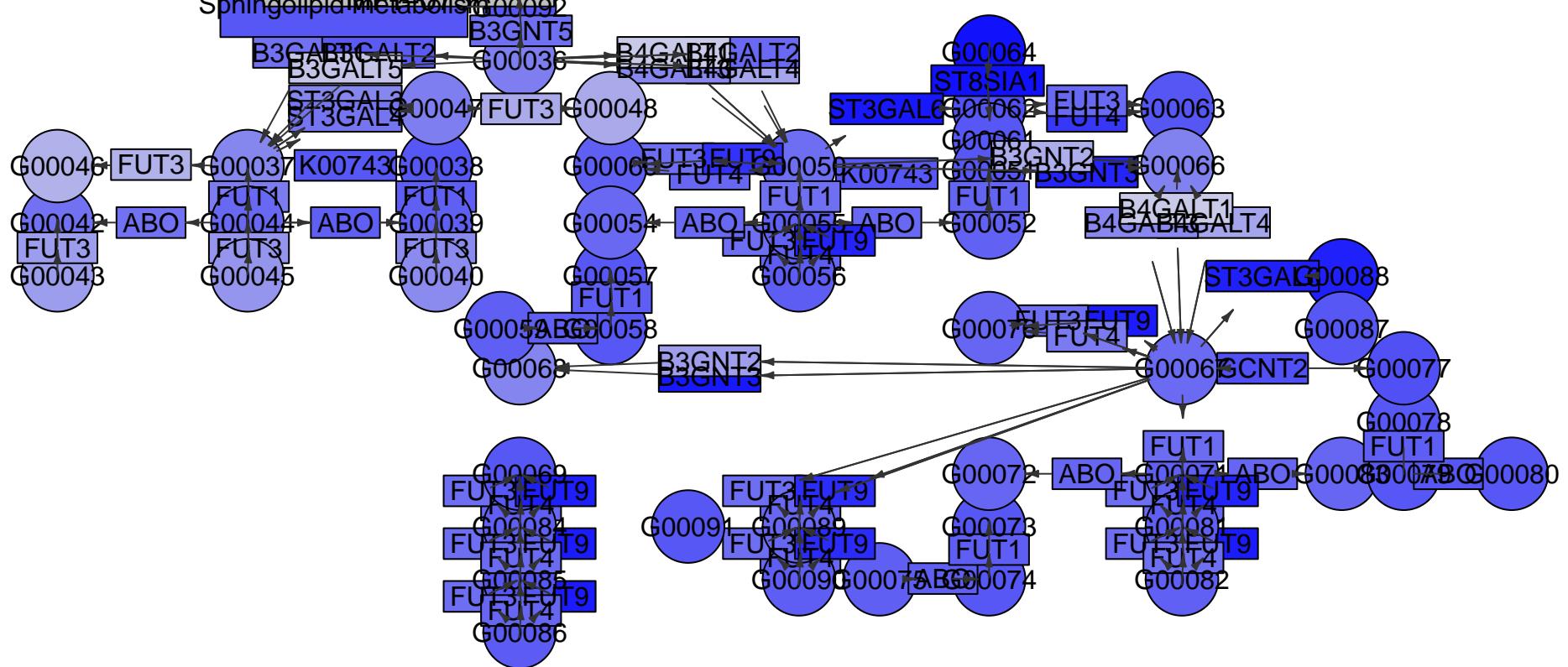
Glycosphingolipid biosynthesis – lacto and neolacto series



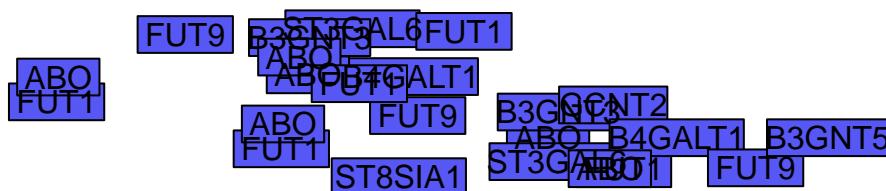
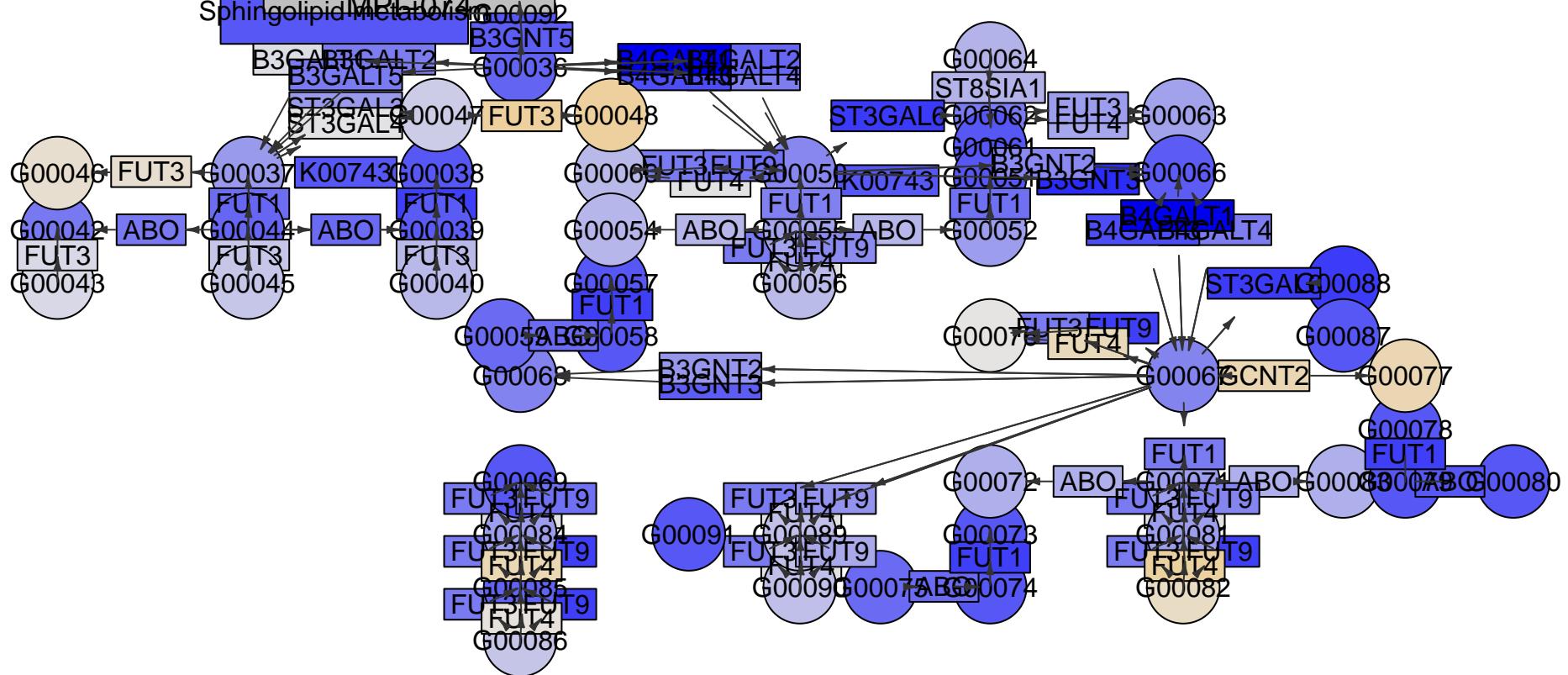
Glycosphingolipid biosynthesis – lacto and neolacto series



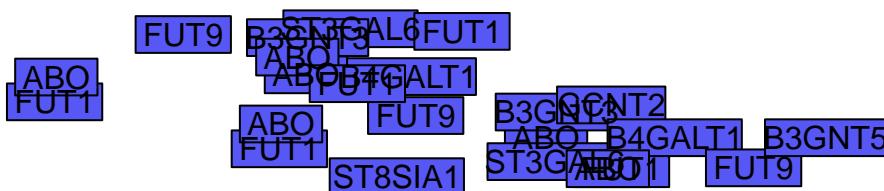
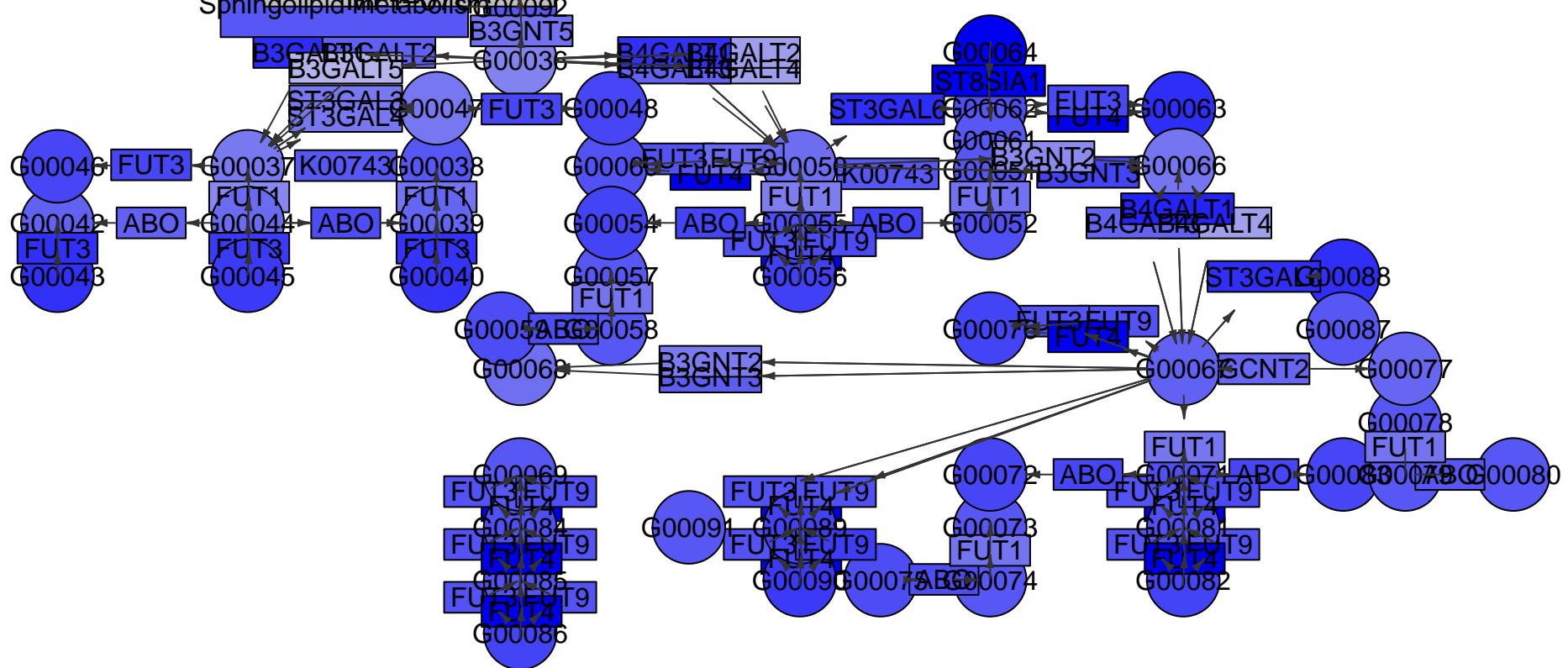
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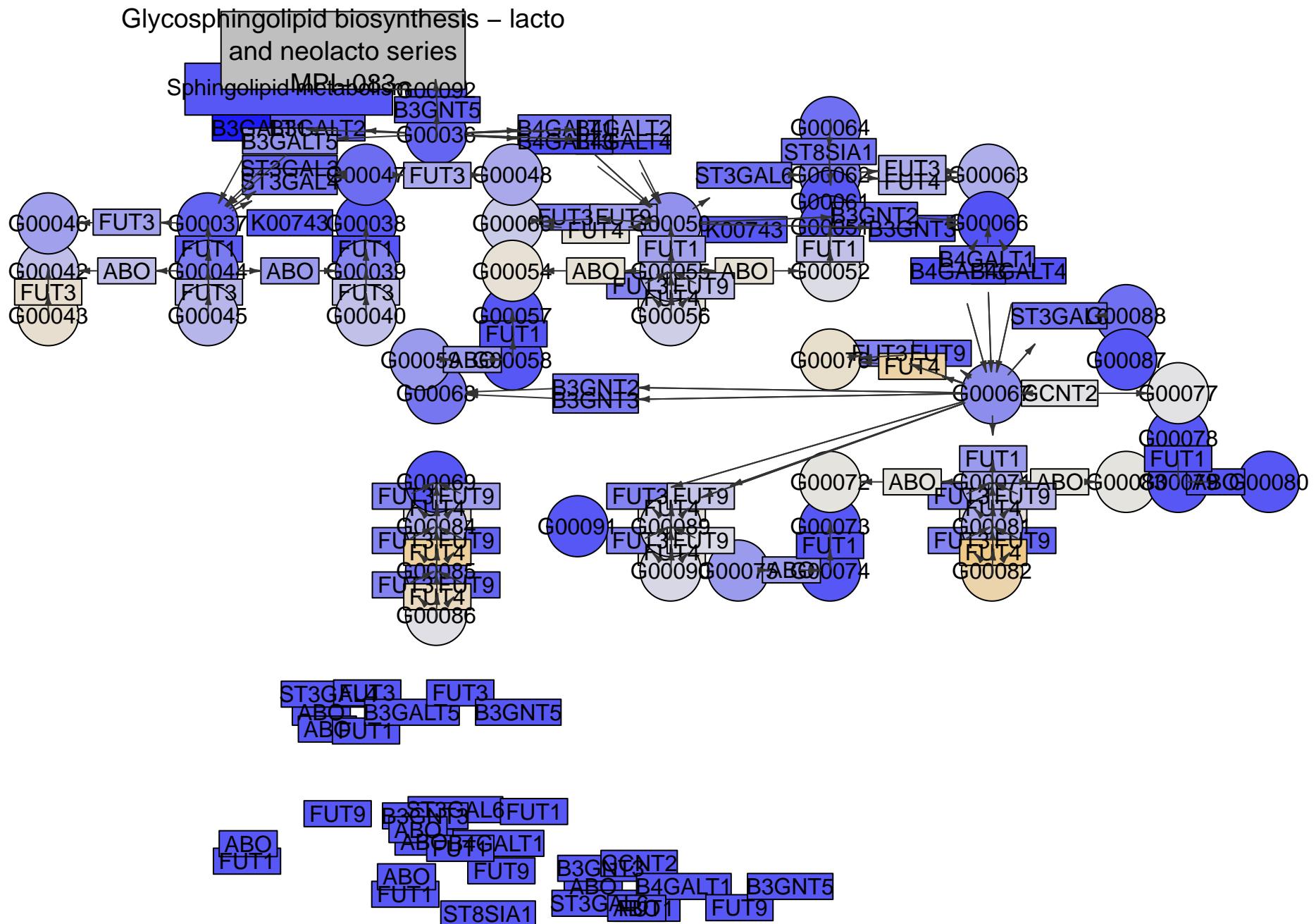


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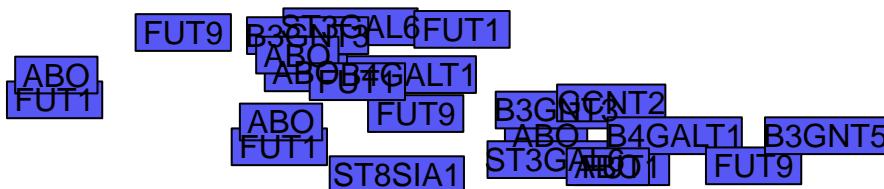
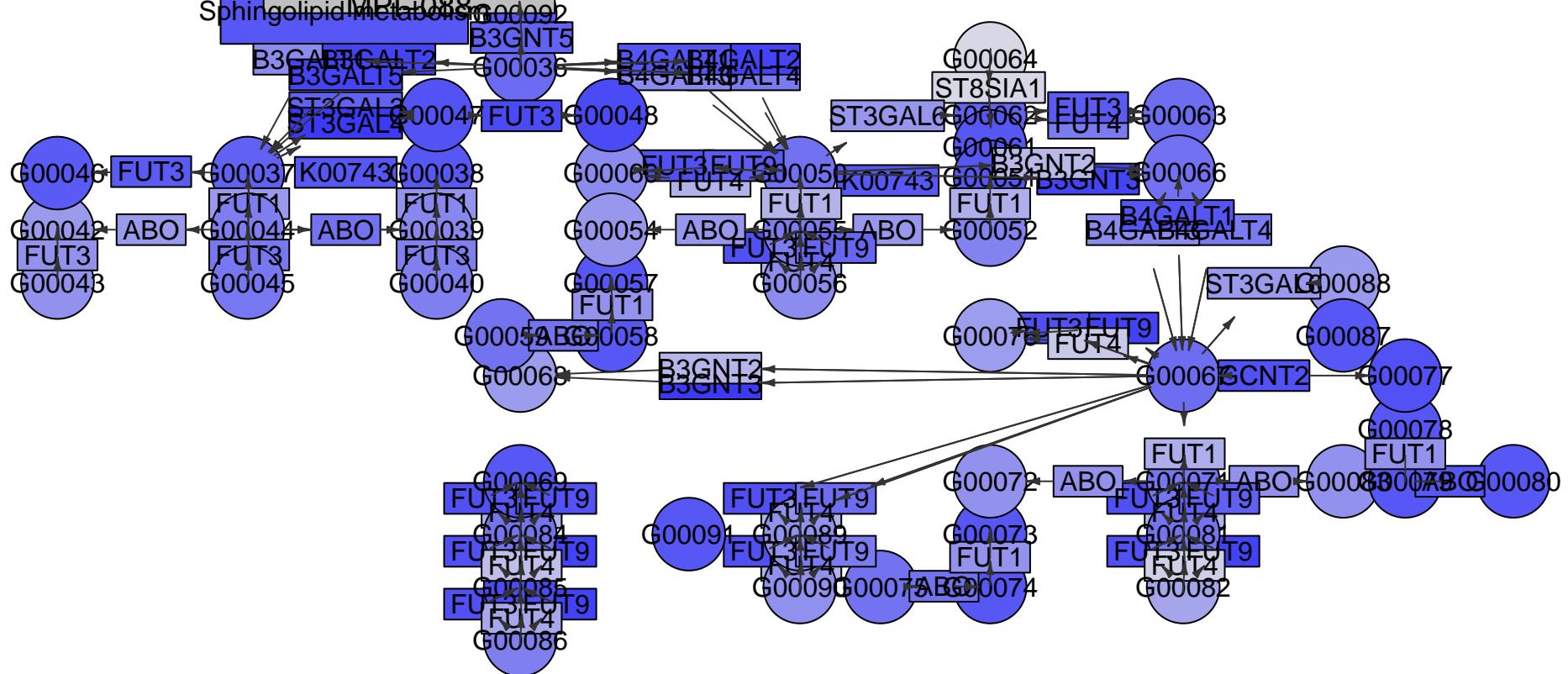


Glycosphingolipid biosynthesis – lacto and neolacto series

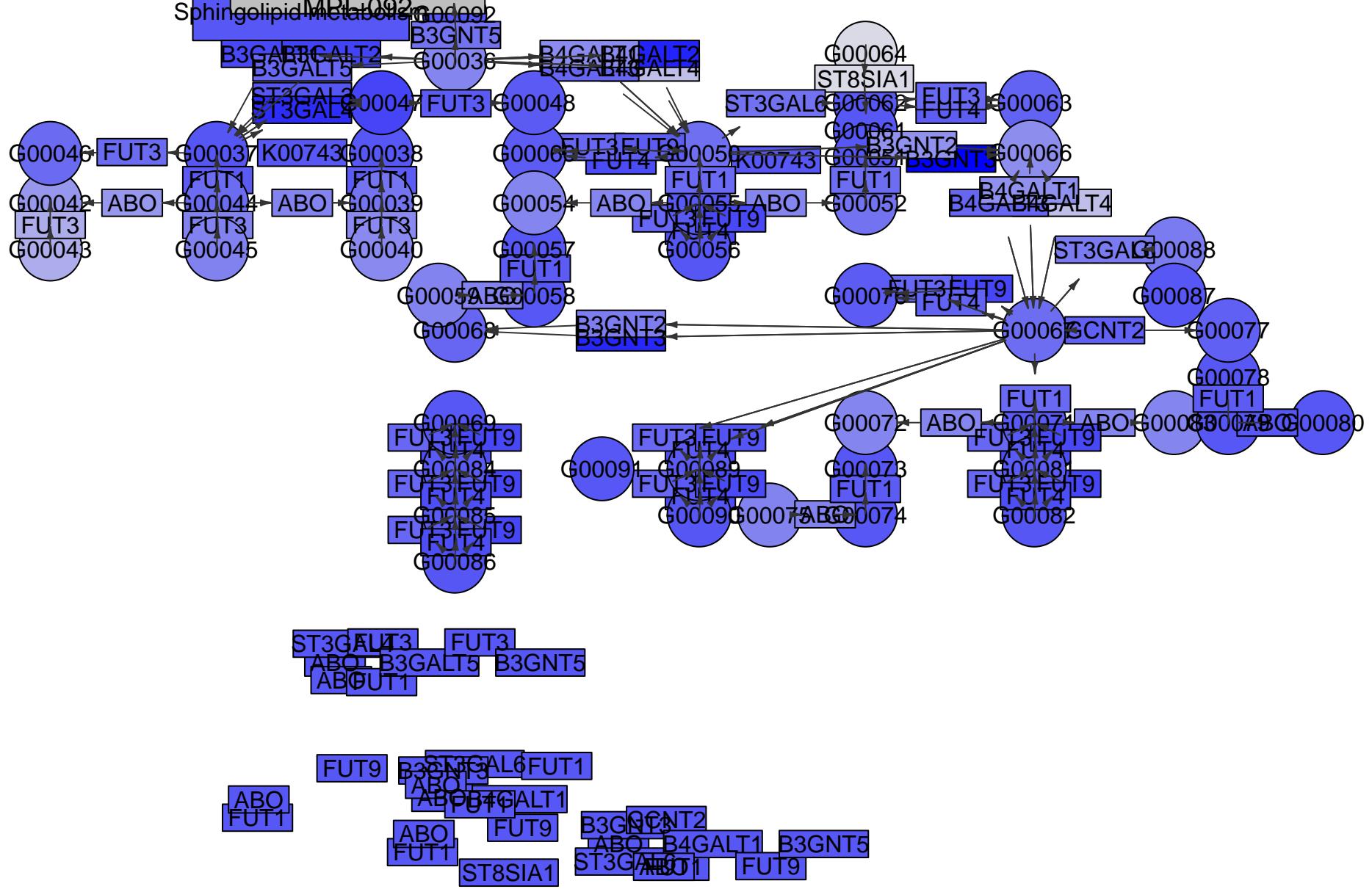




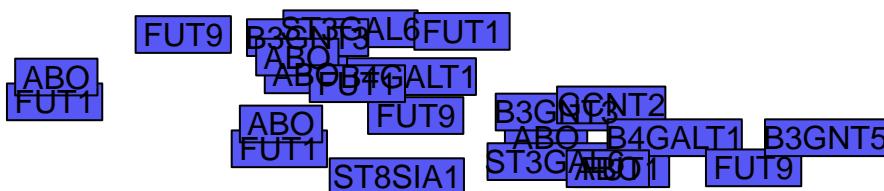
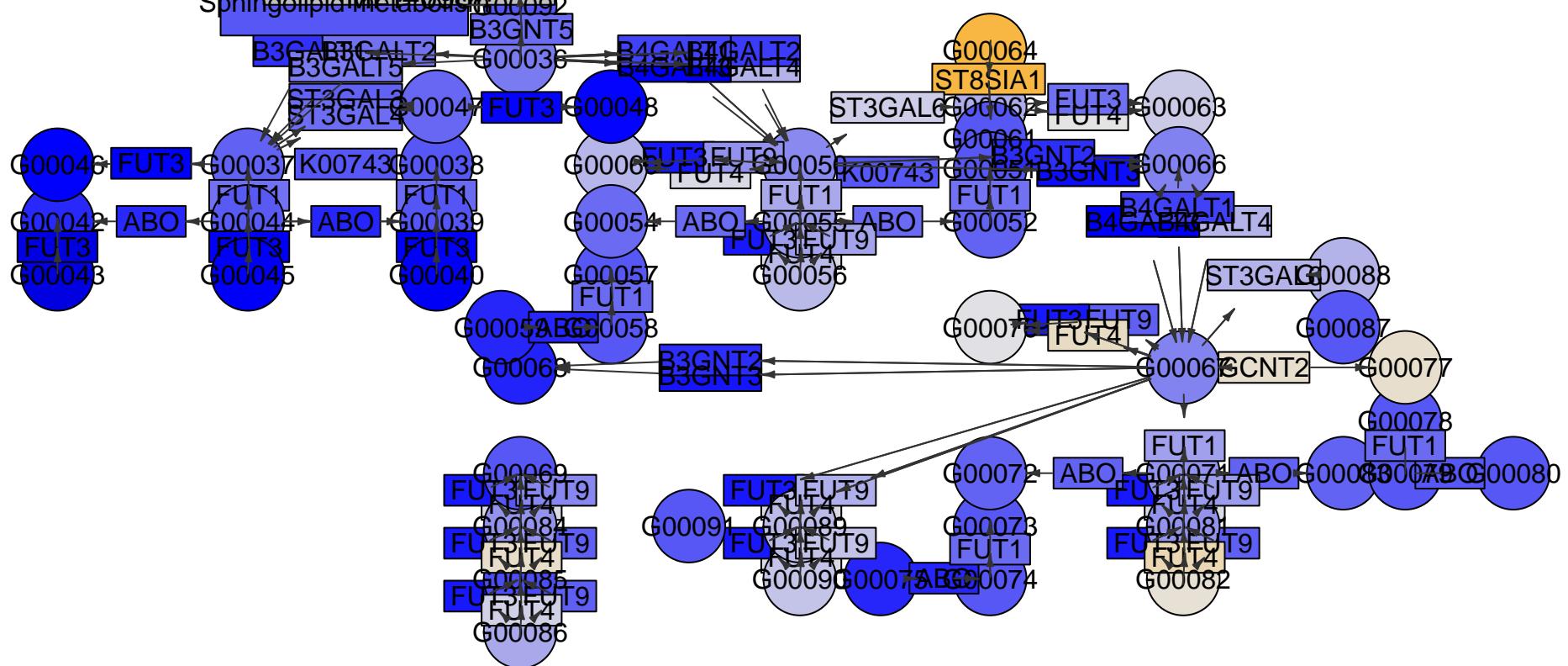
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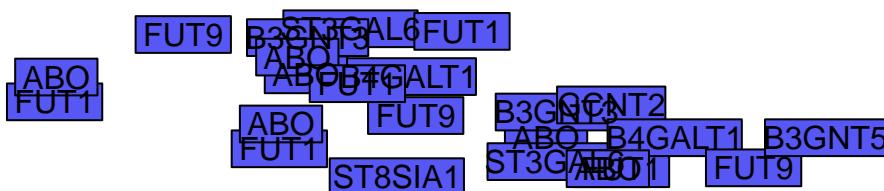
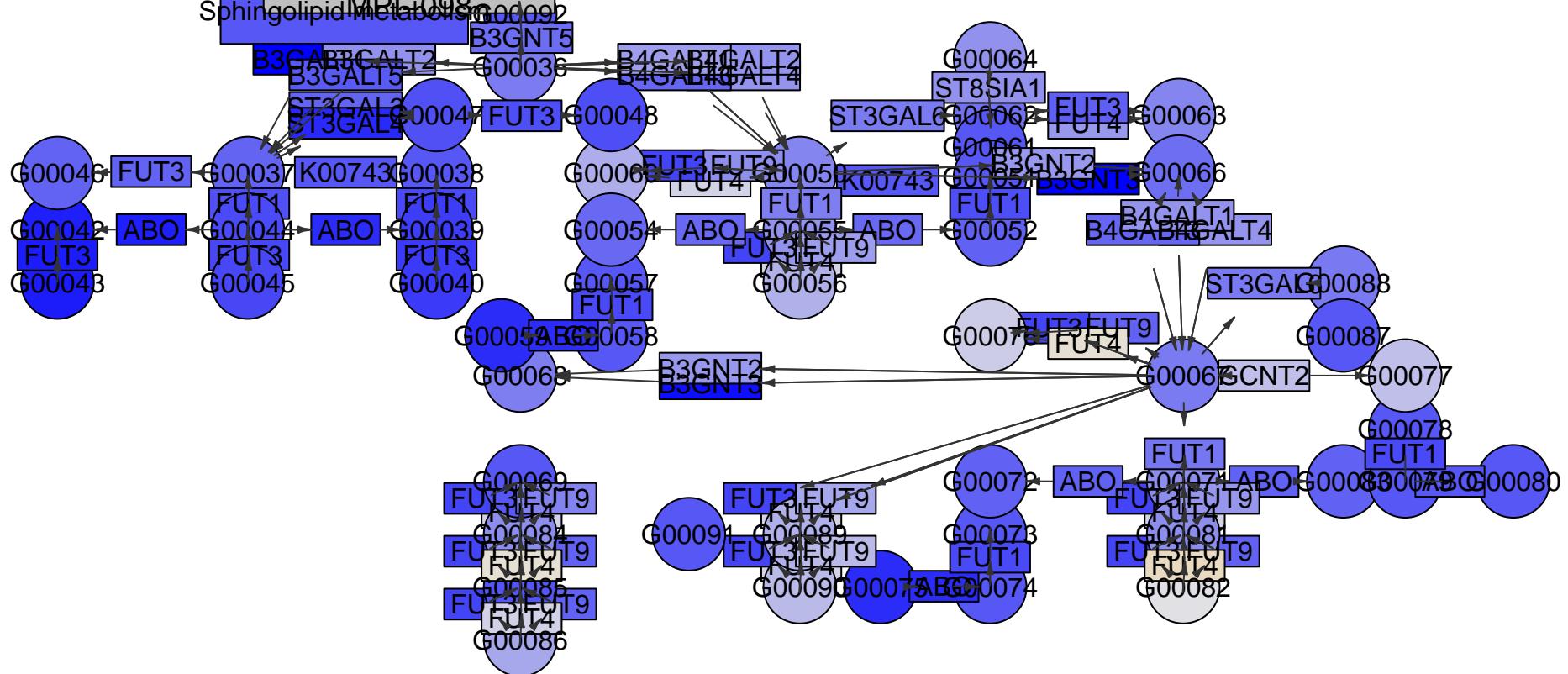
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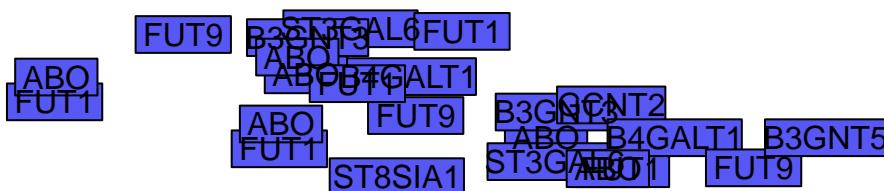
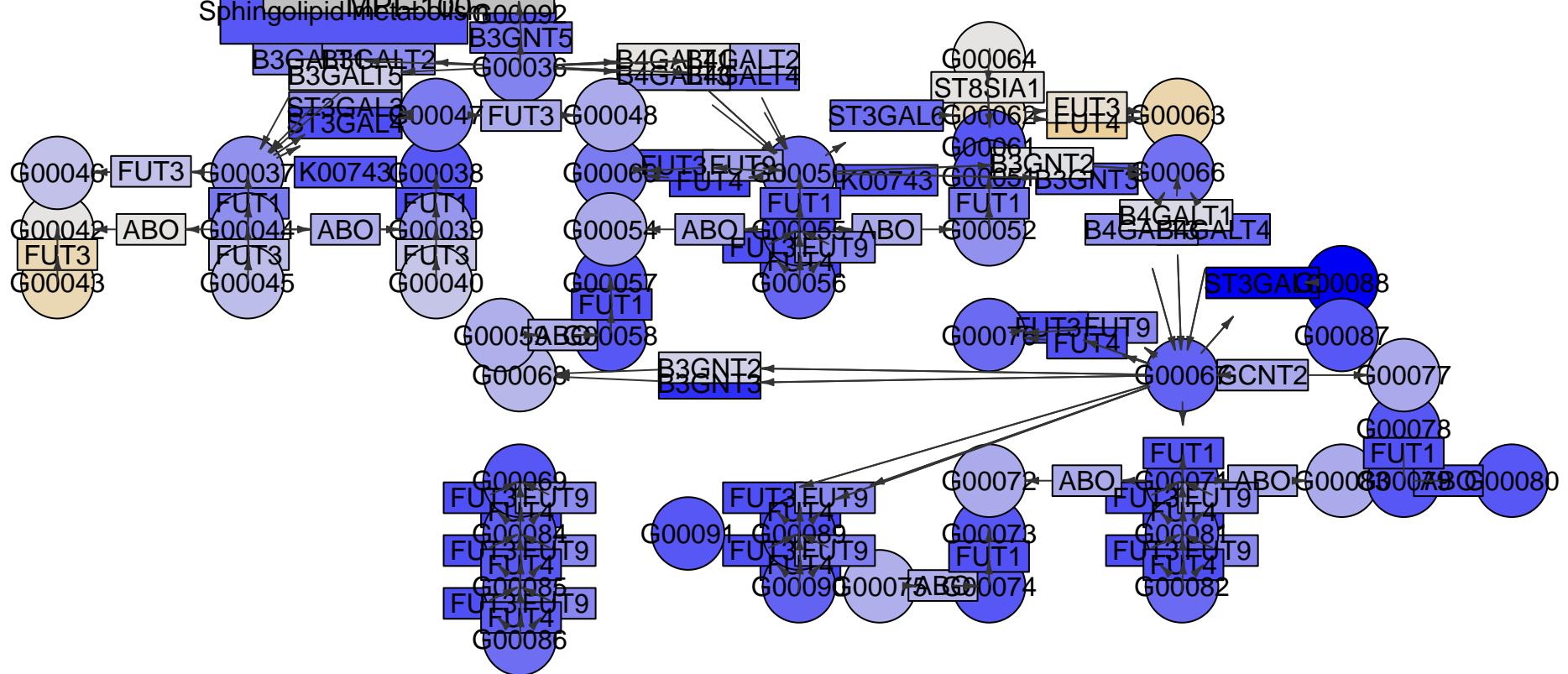
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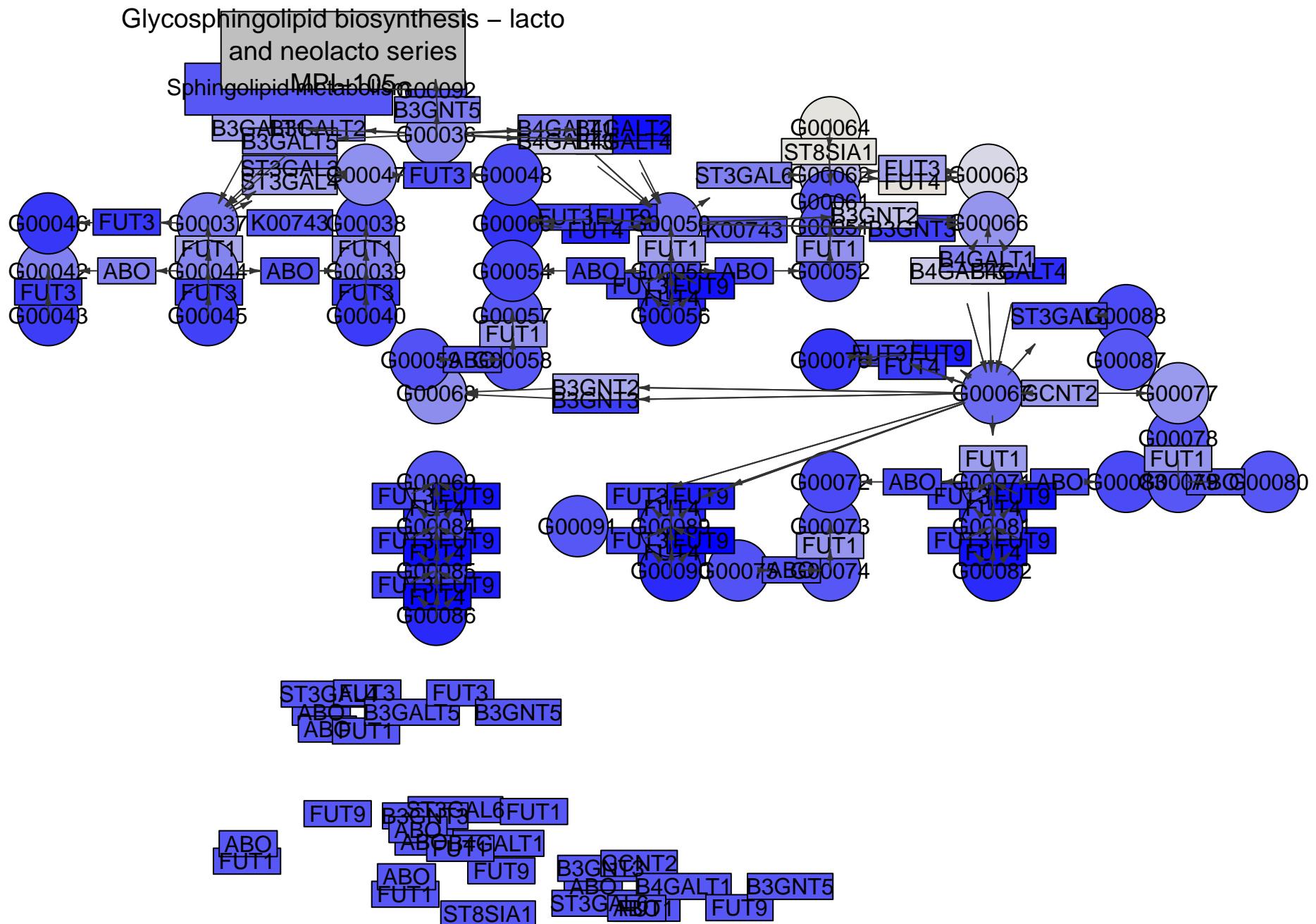


Glycosphingolipid biosynthesis – lacto and neolacto series

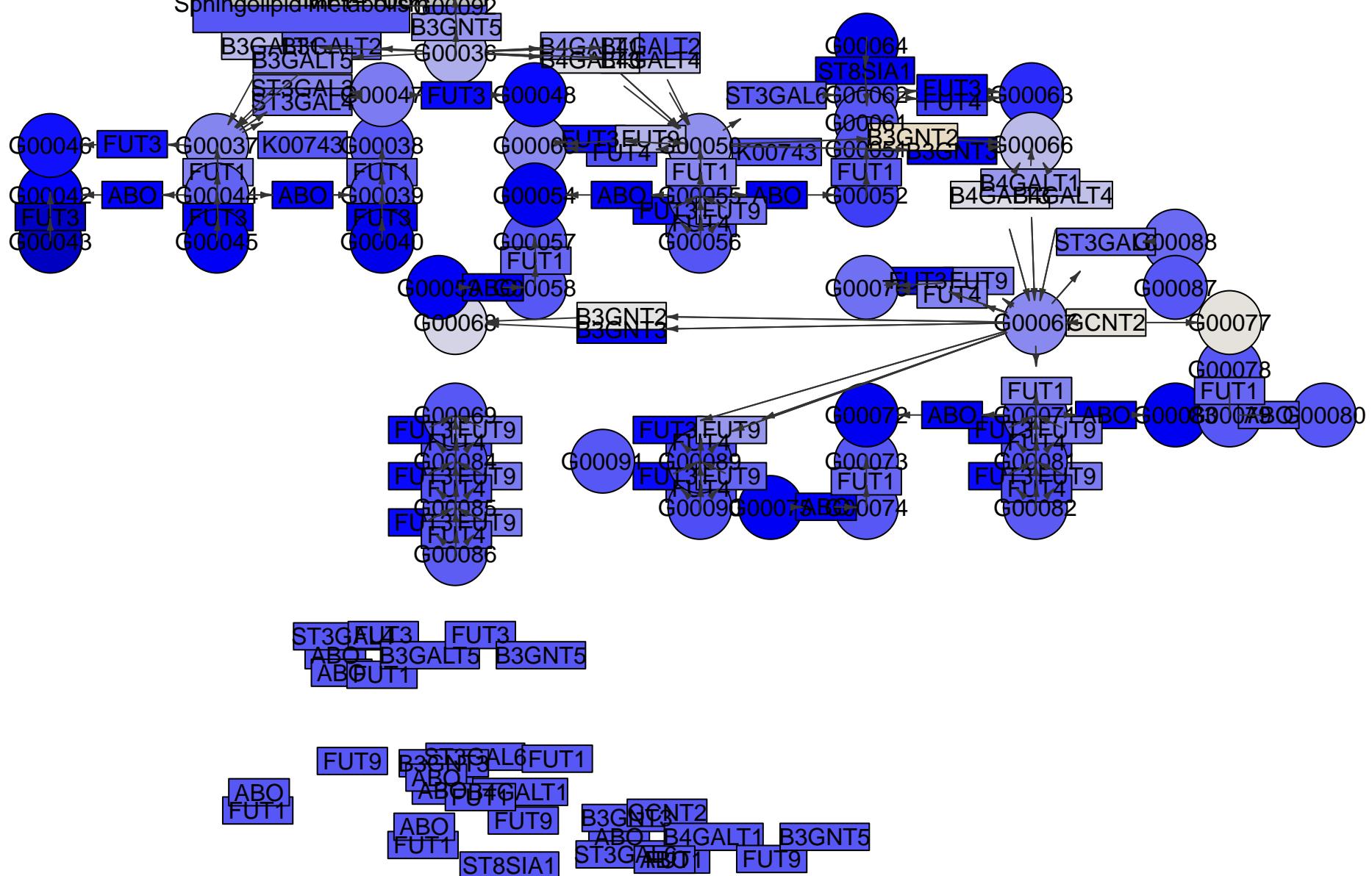


Glycosphingolipid biosynthesis – lacto and neolacto series

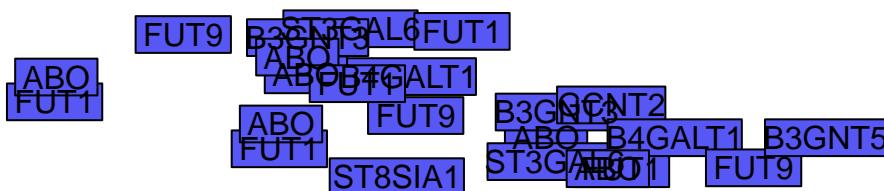
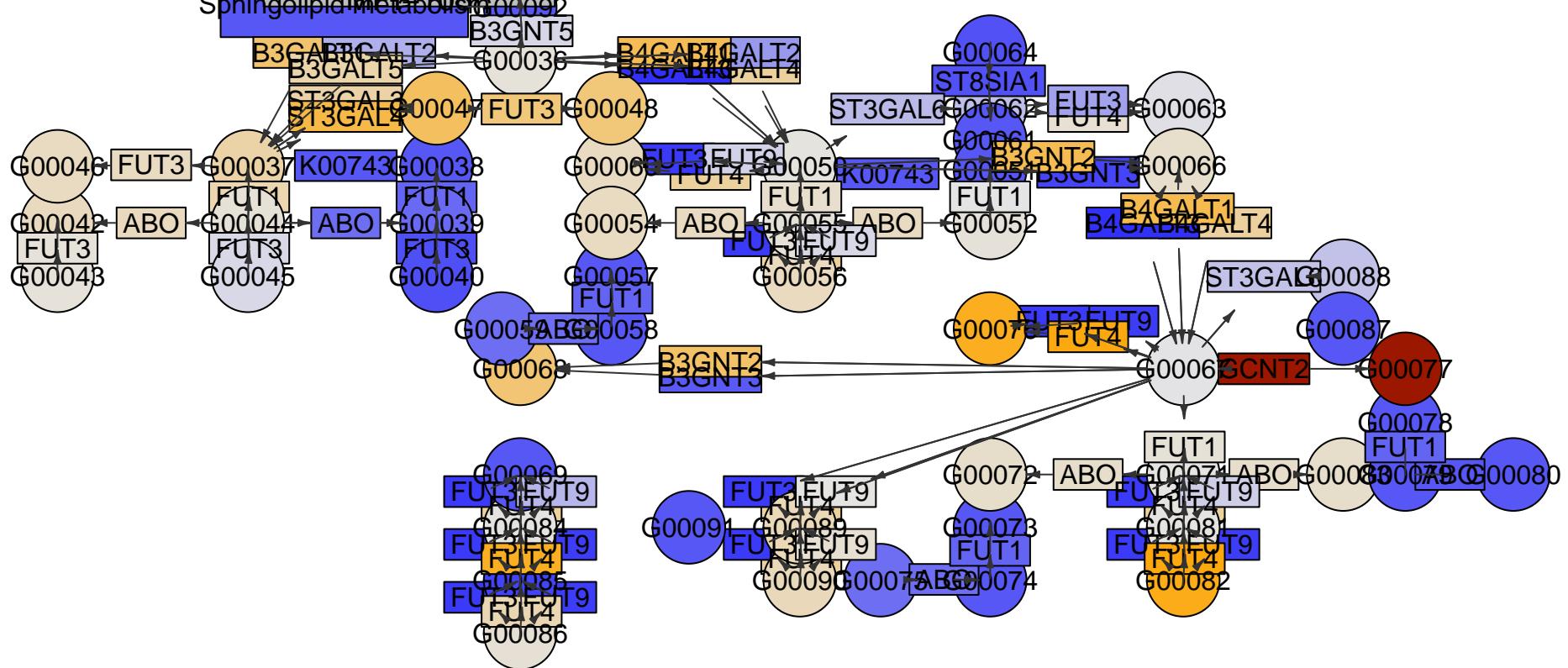


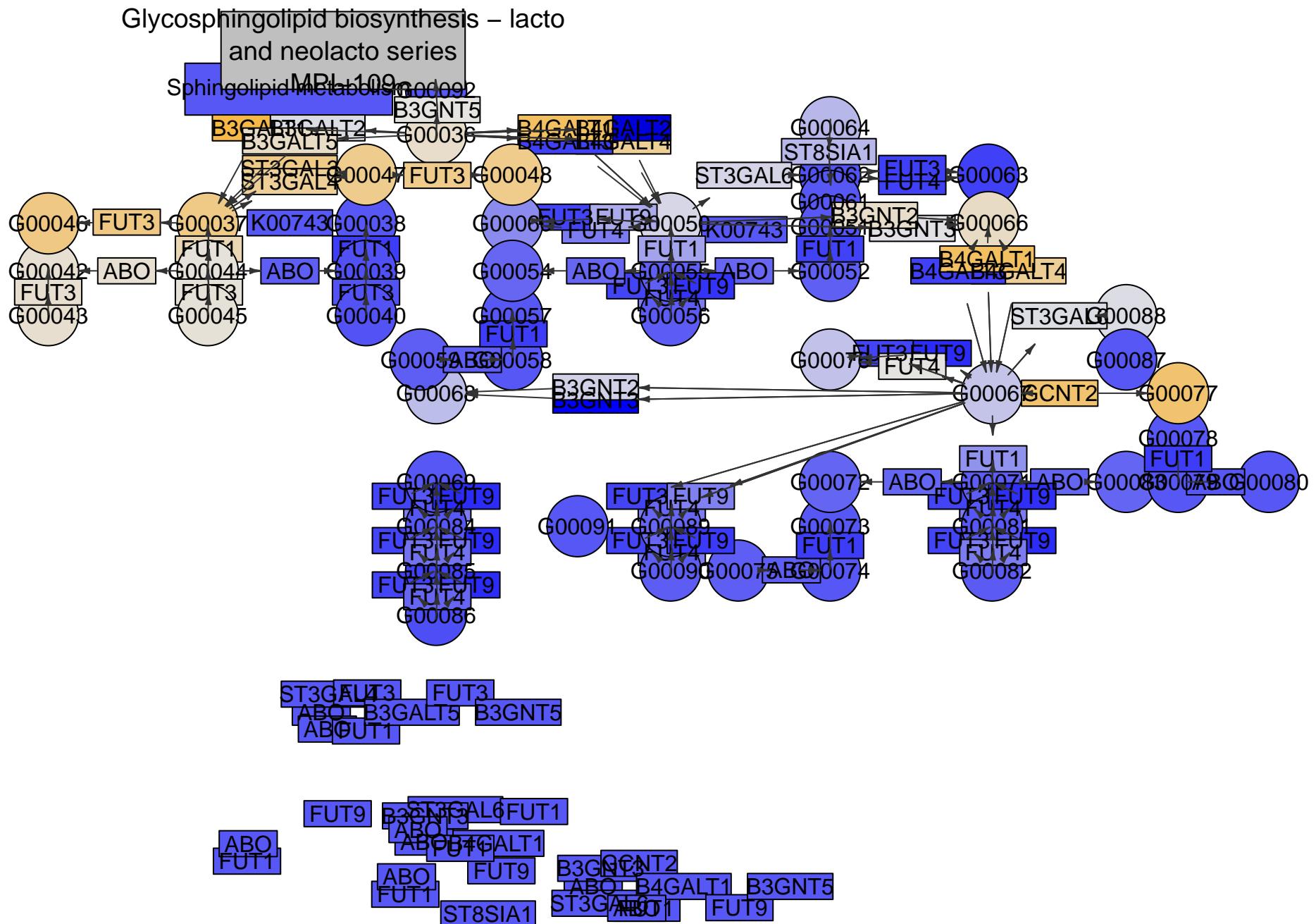


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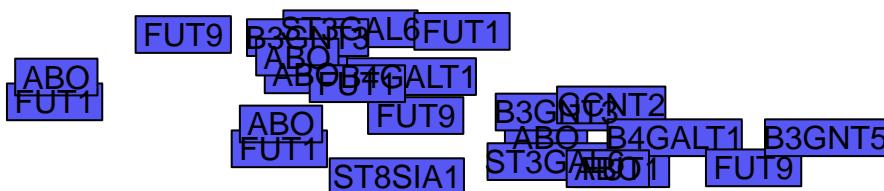
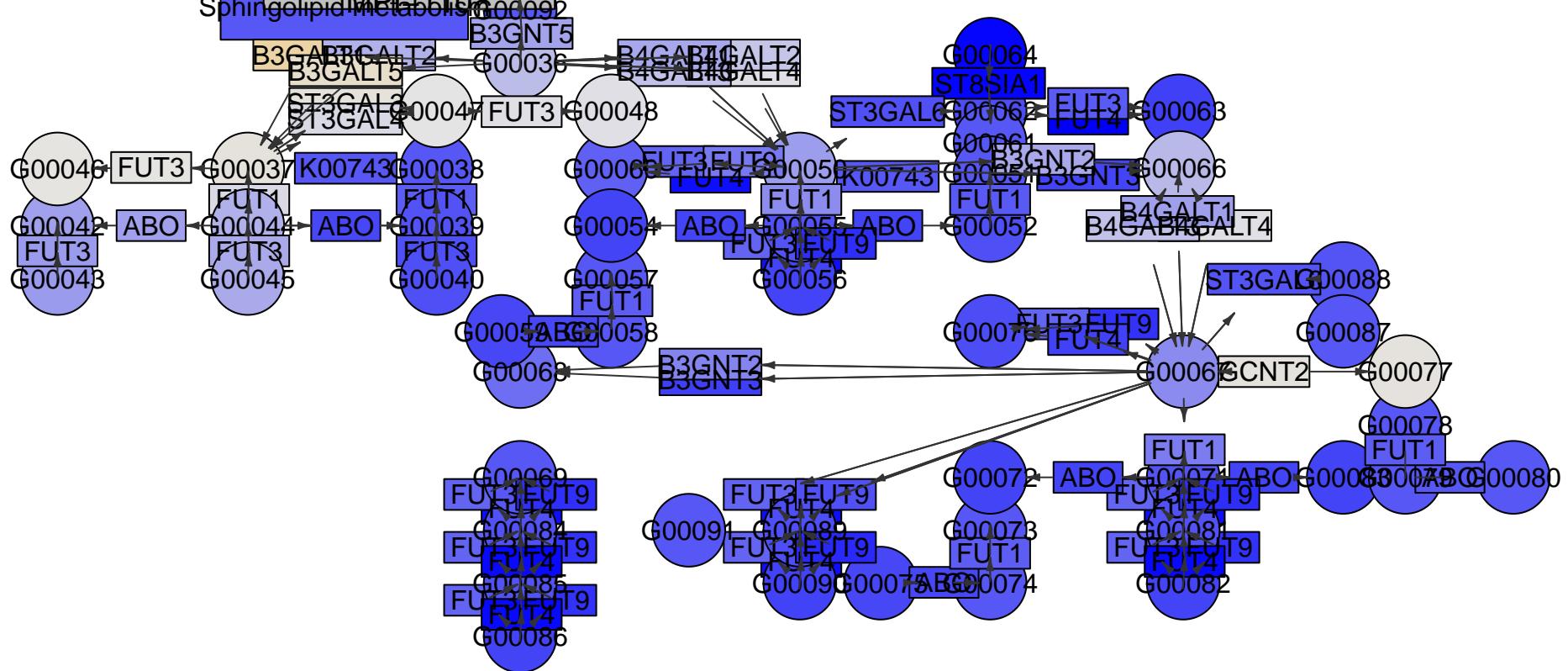


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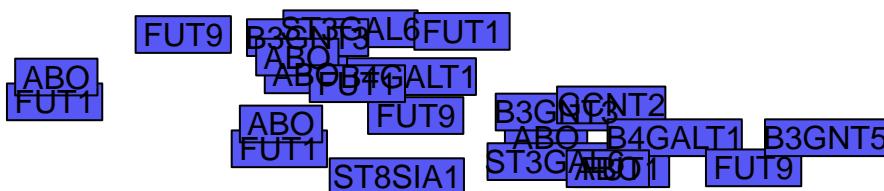
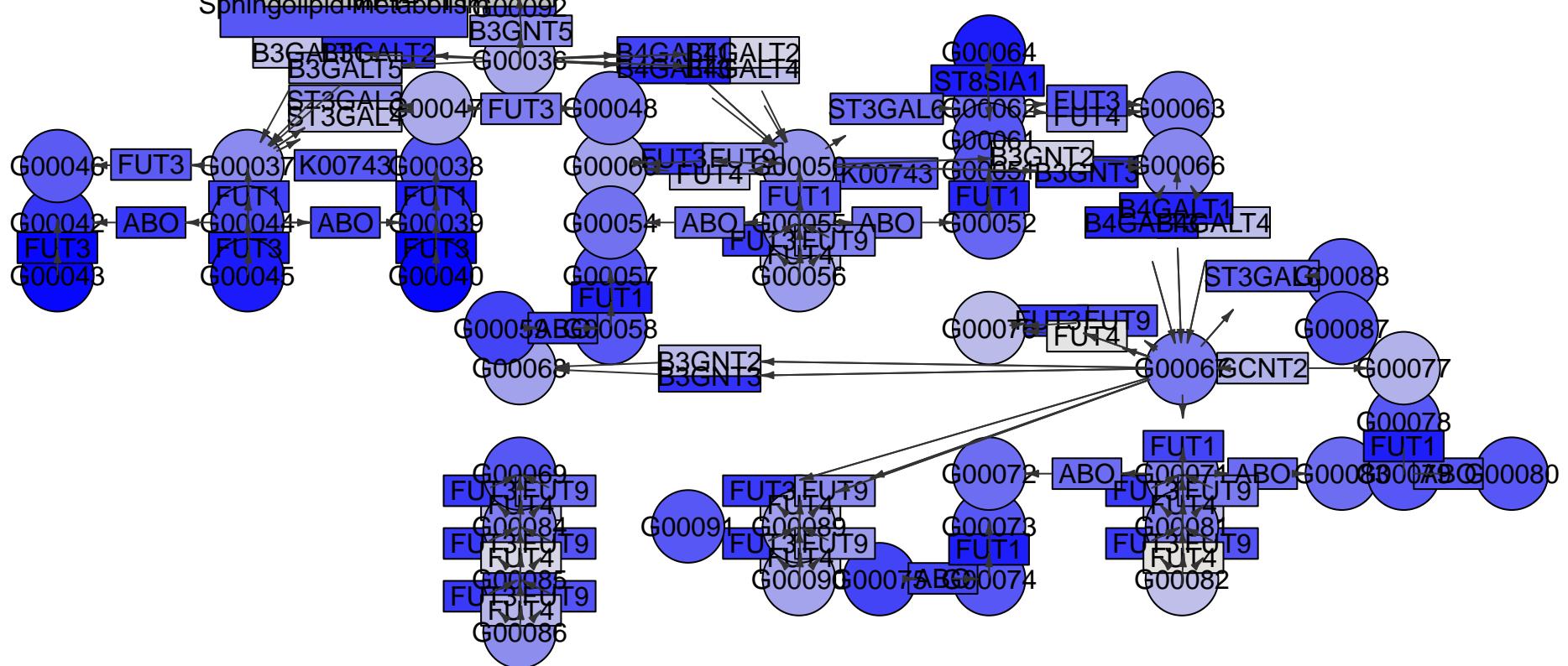




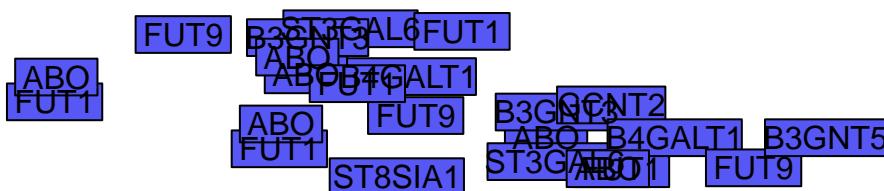
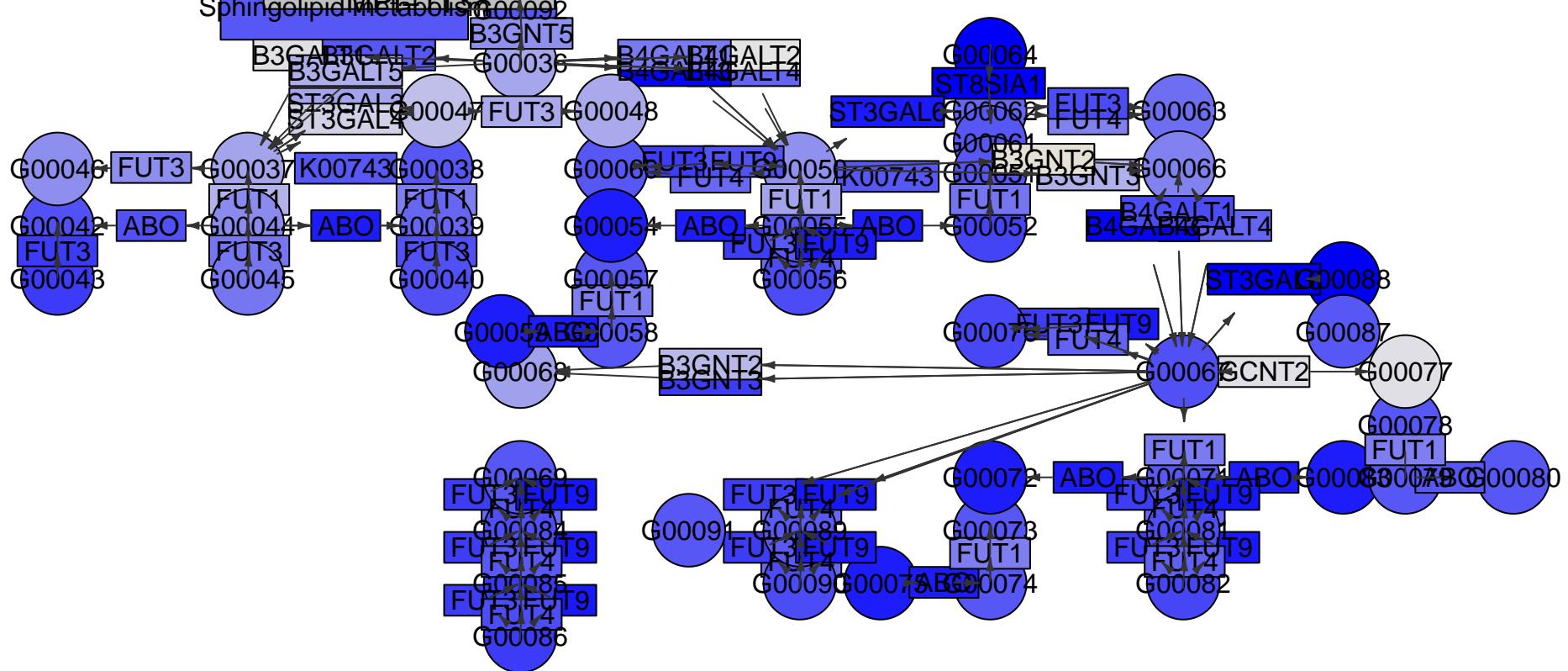
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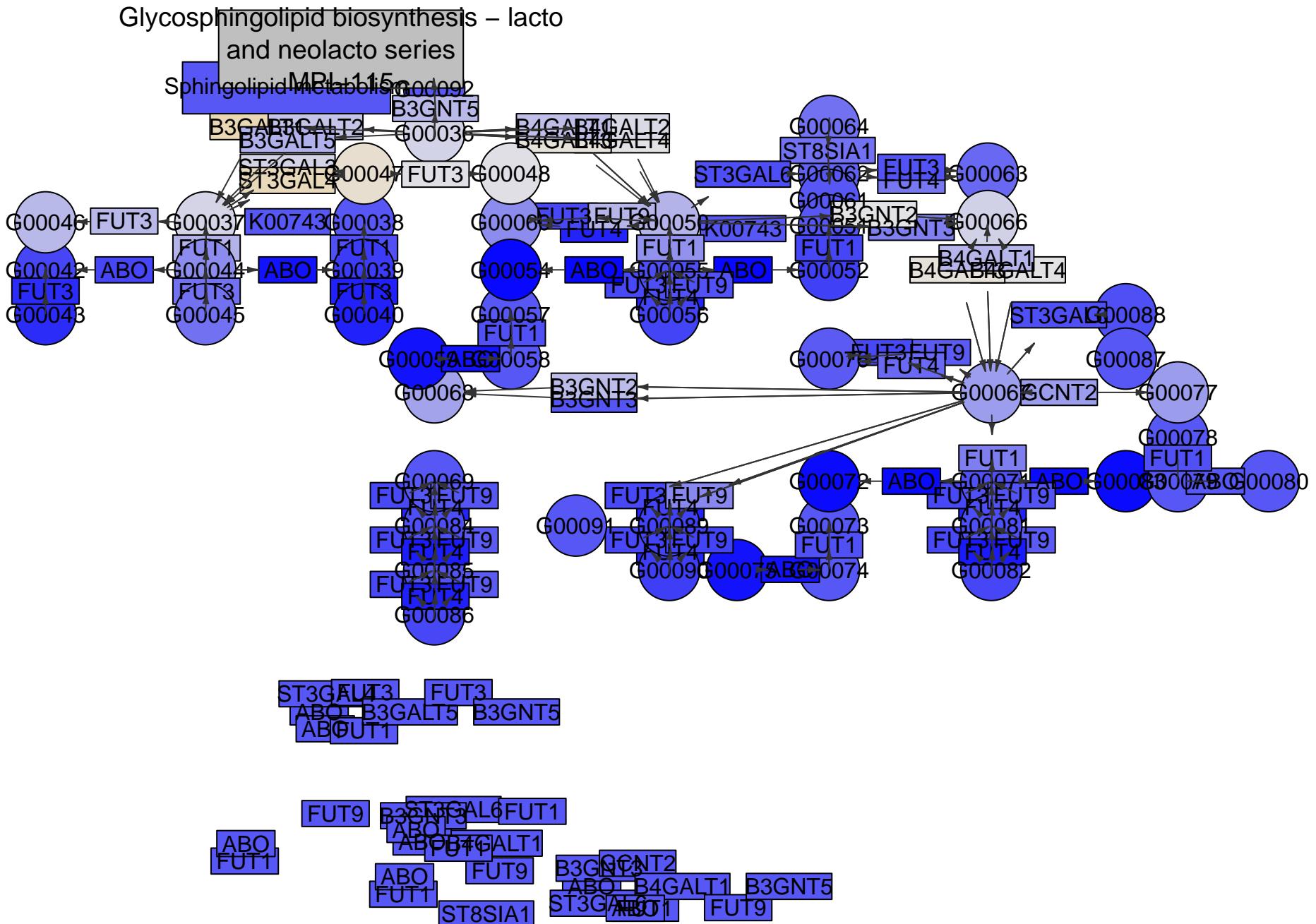


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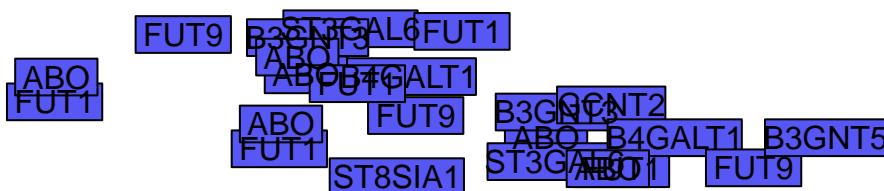
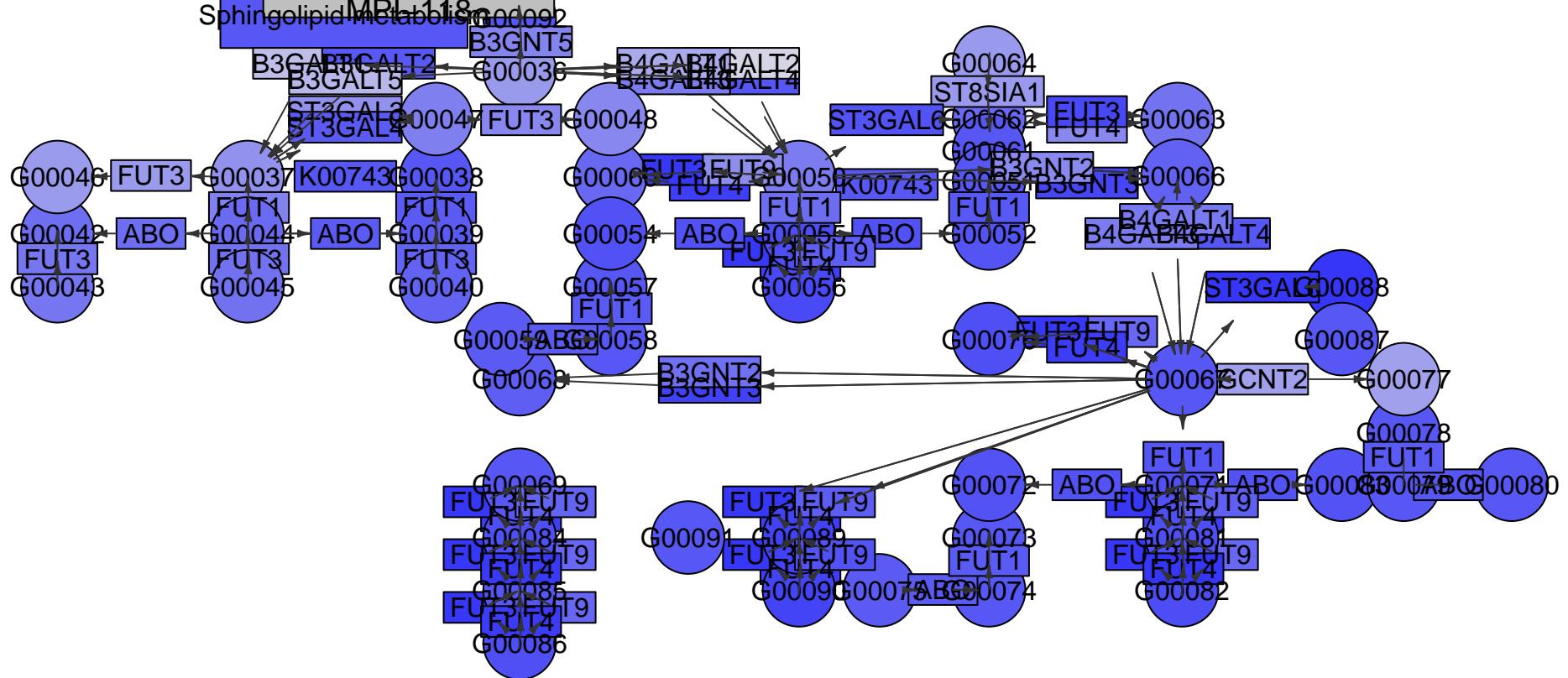


Glycosphingolipid biosynthesis – lacto and neolacto series

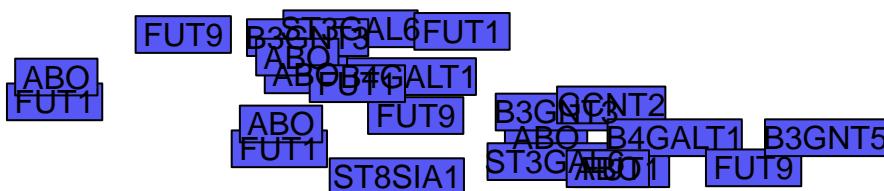
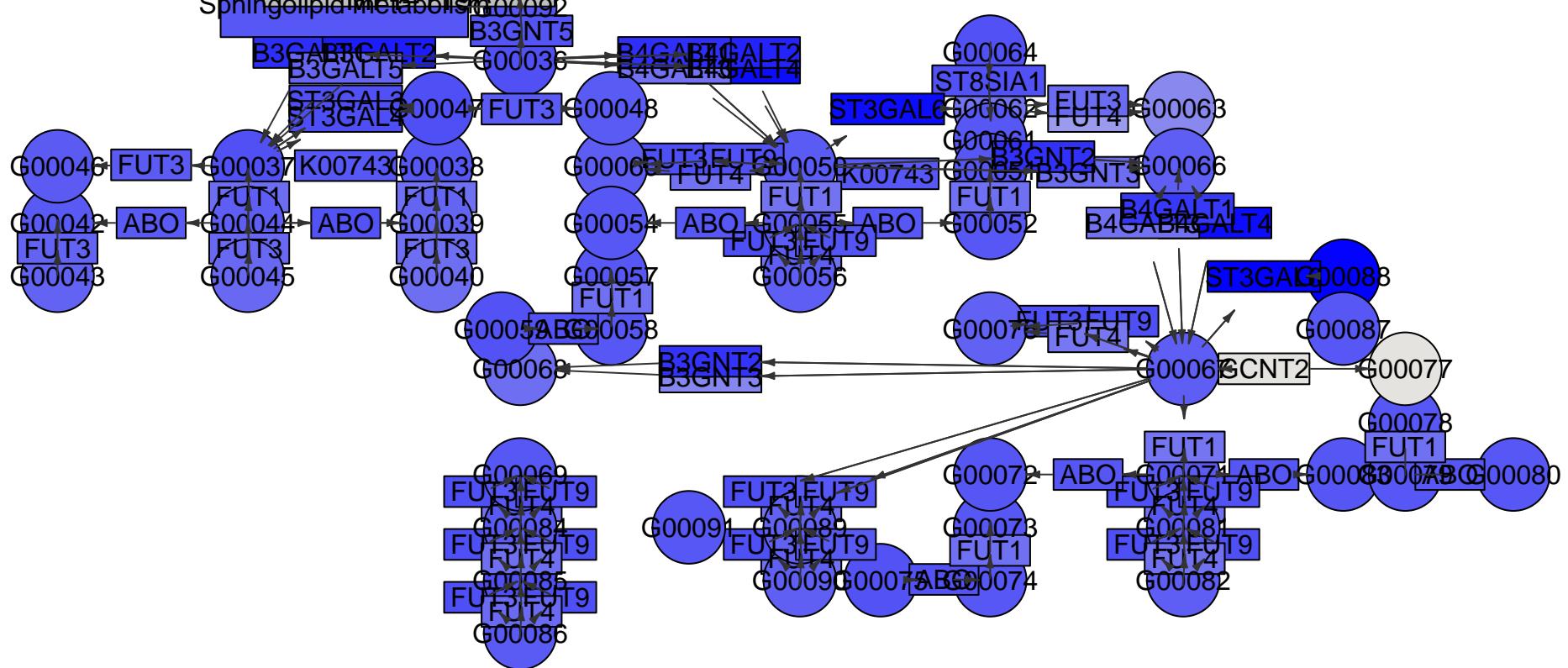


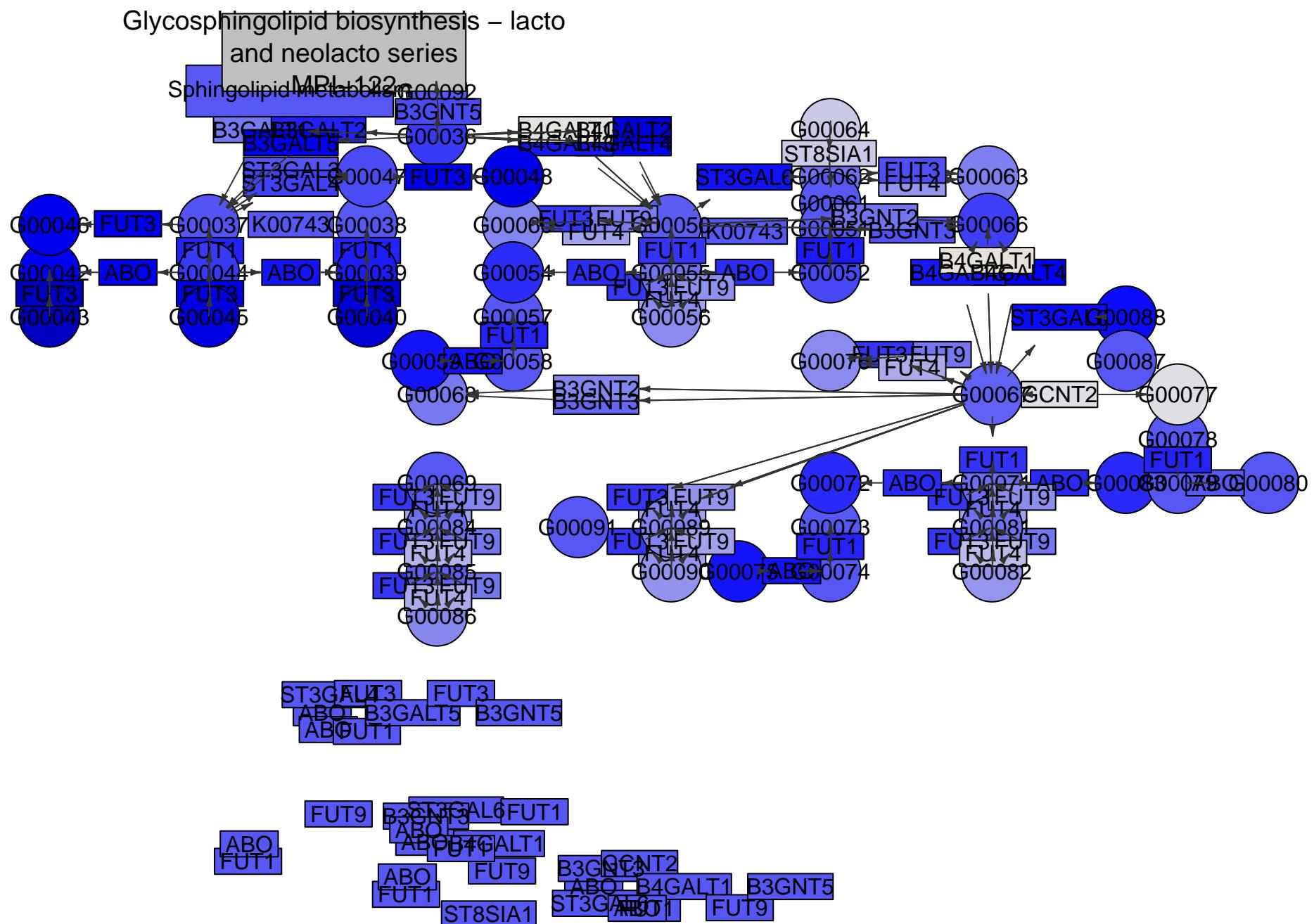


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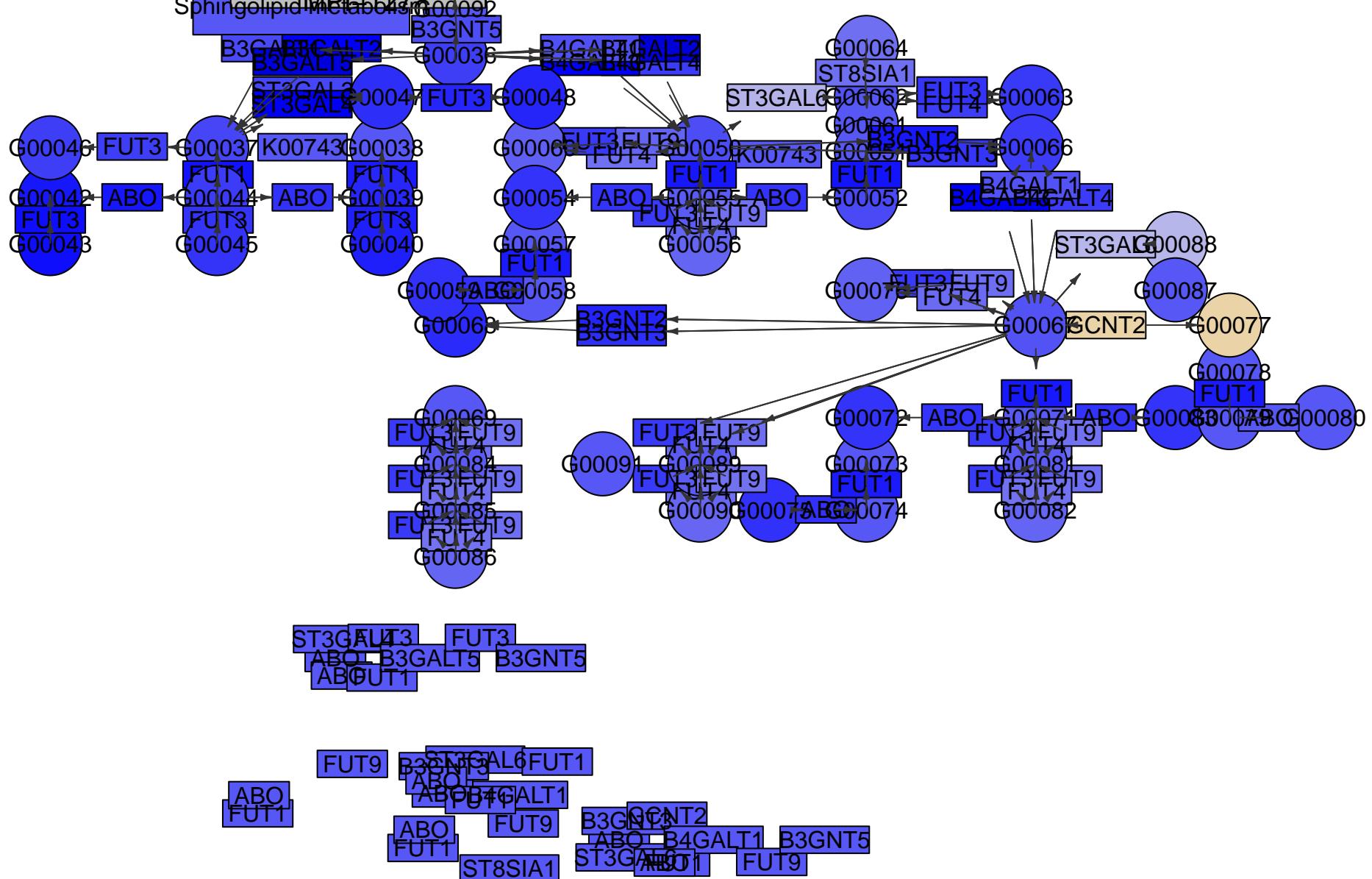


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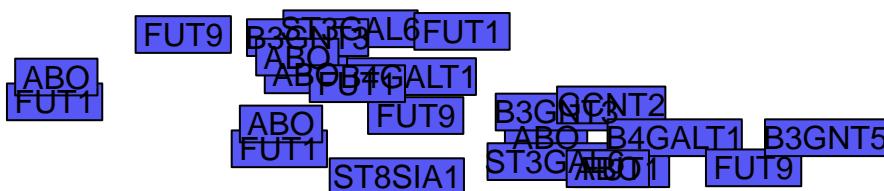
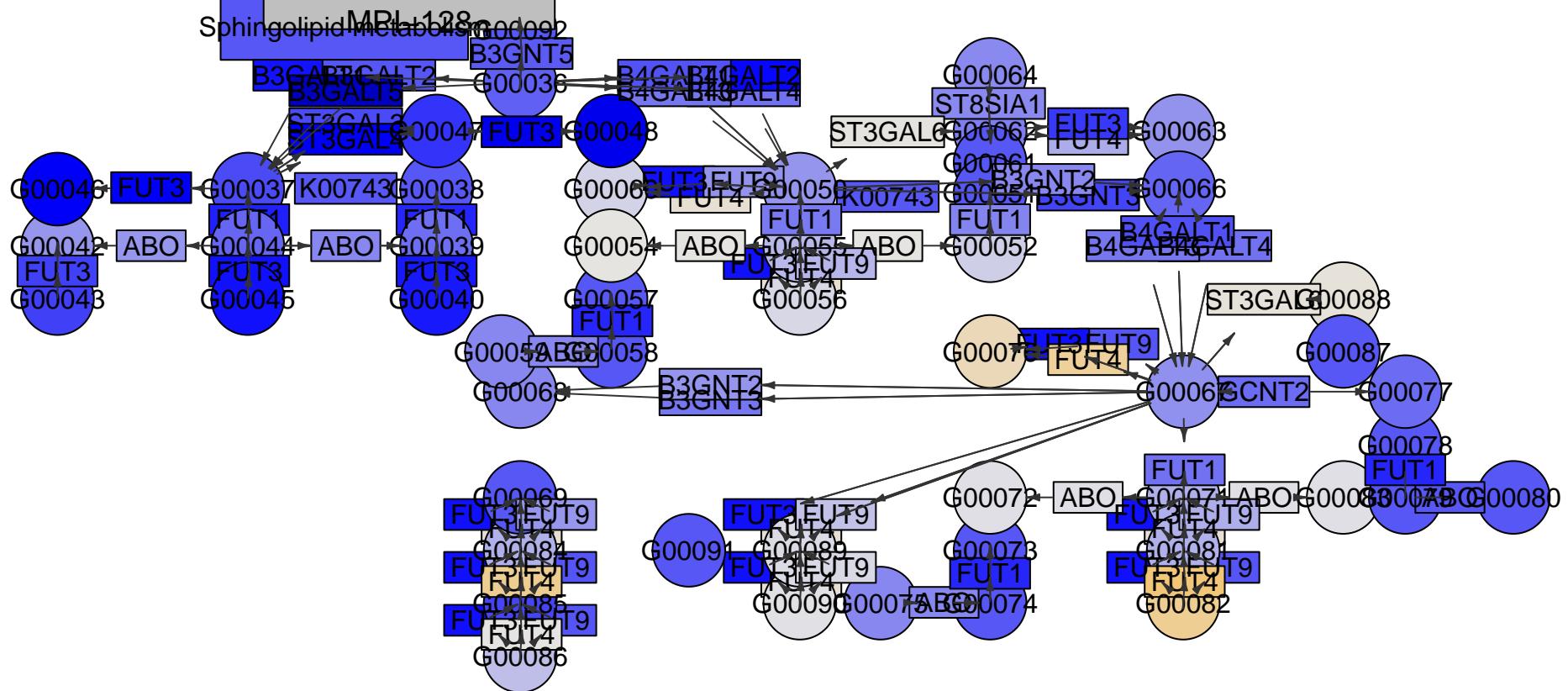


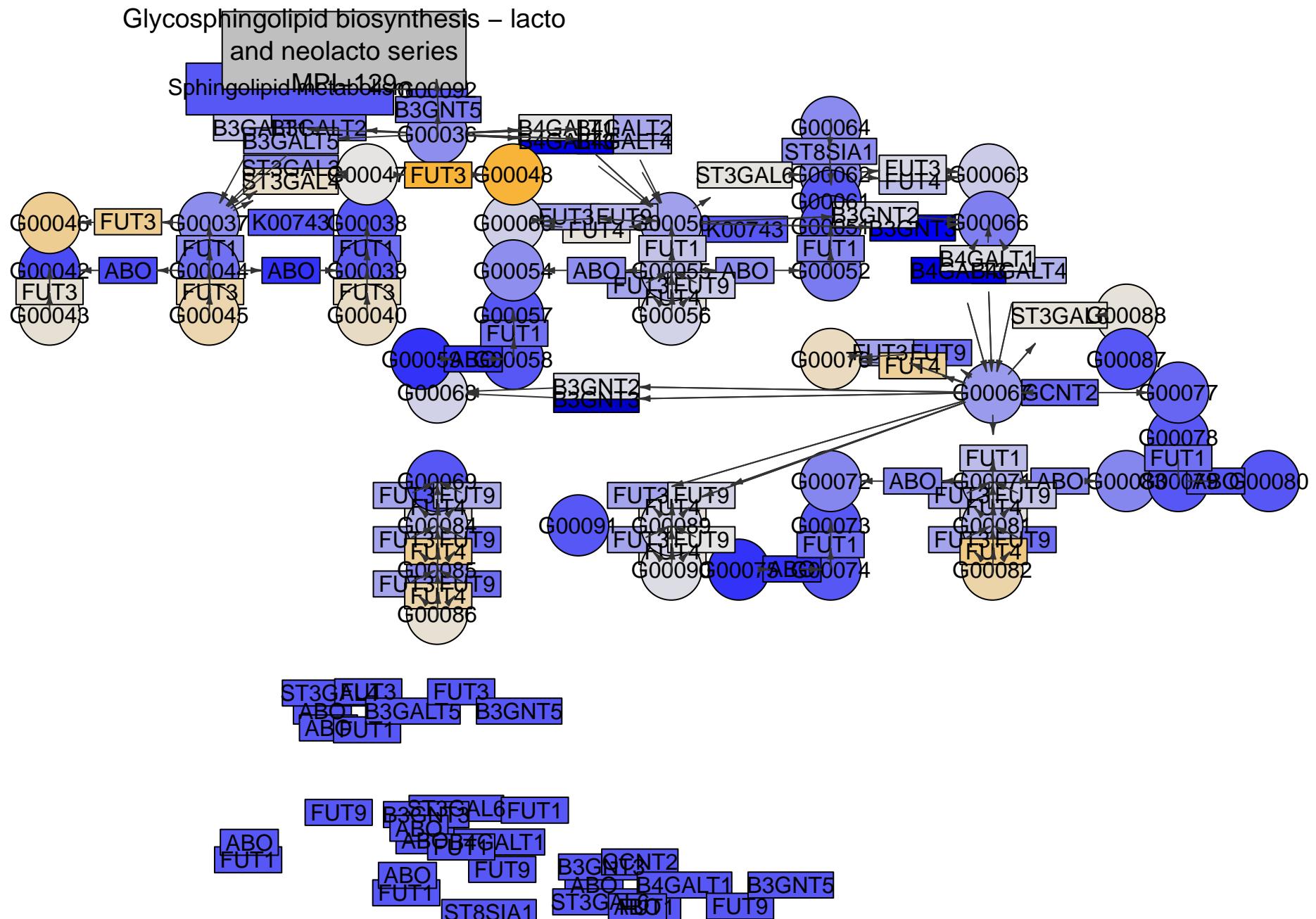


Glycosphingolipid biosynthesis – lacto and neolacto series

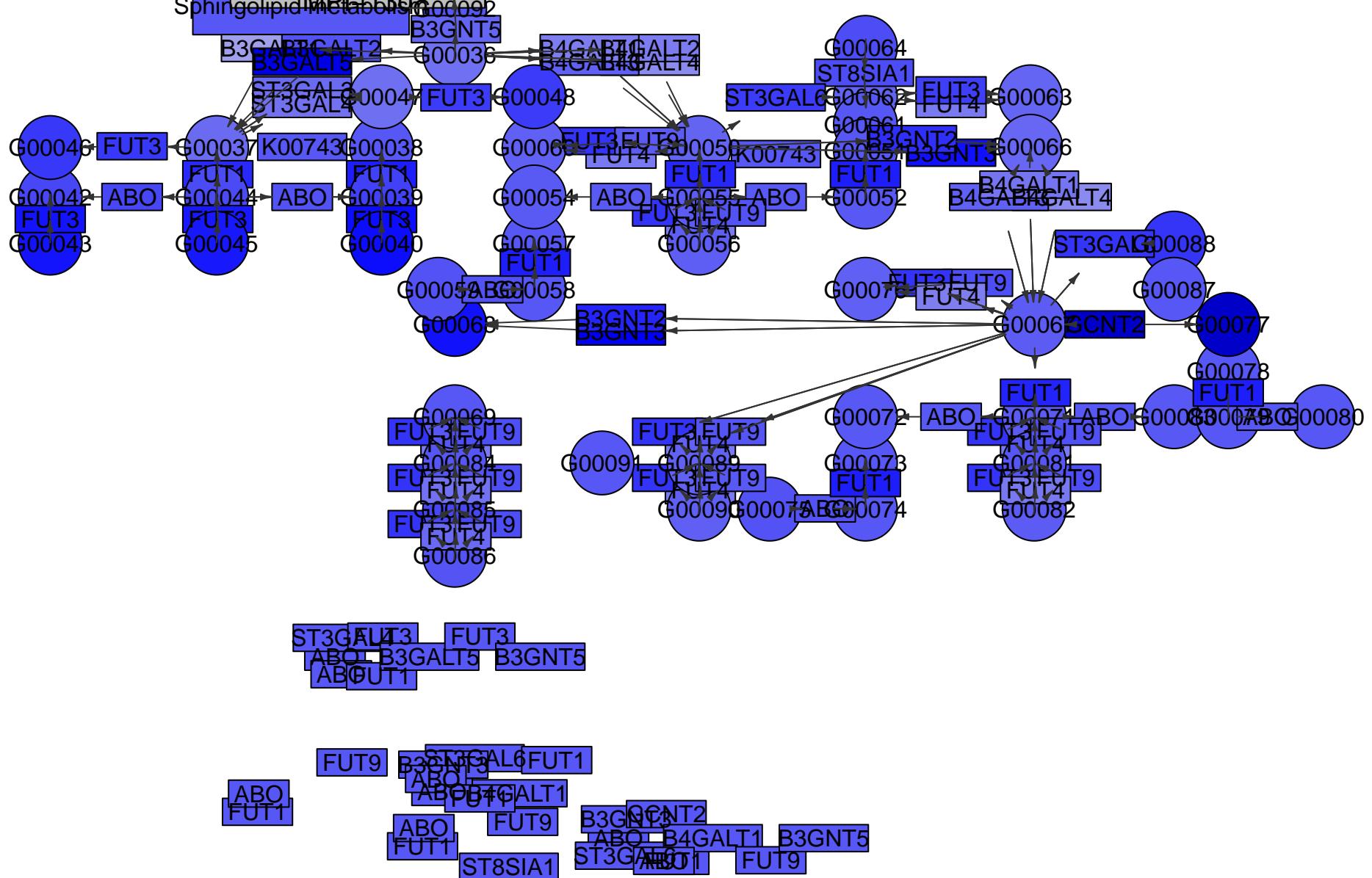


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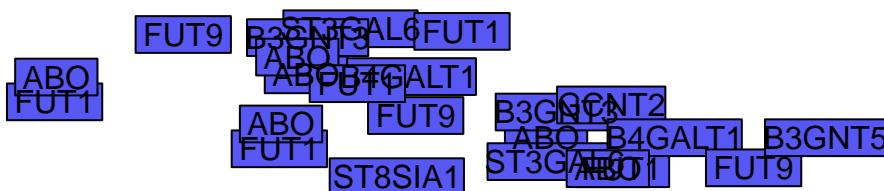
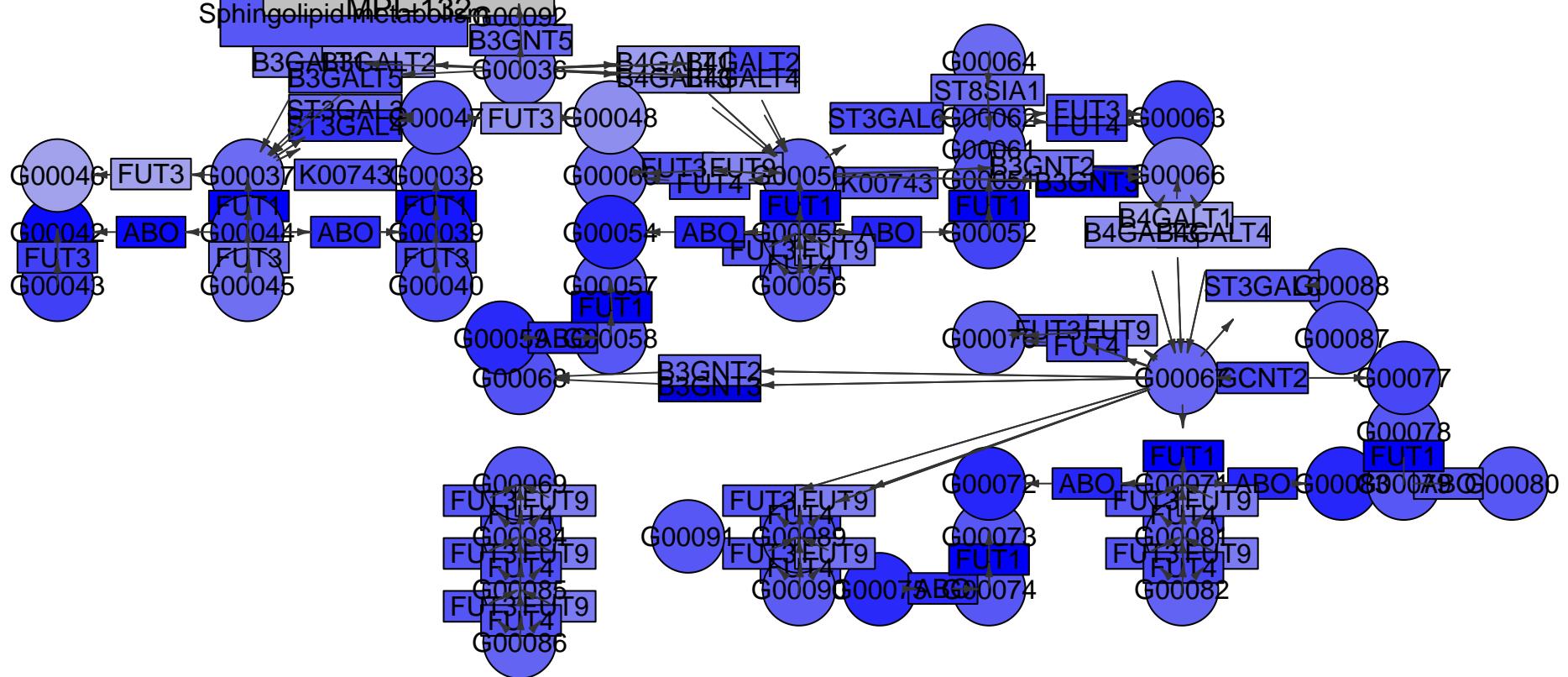




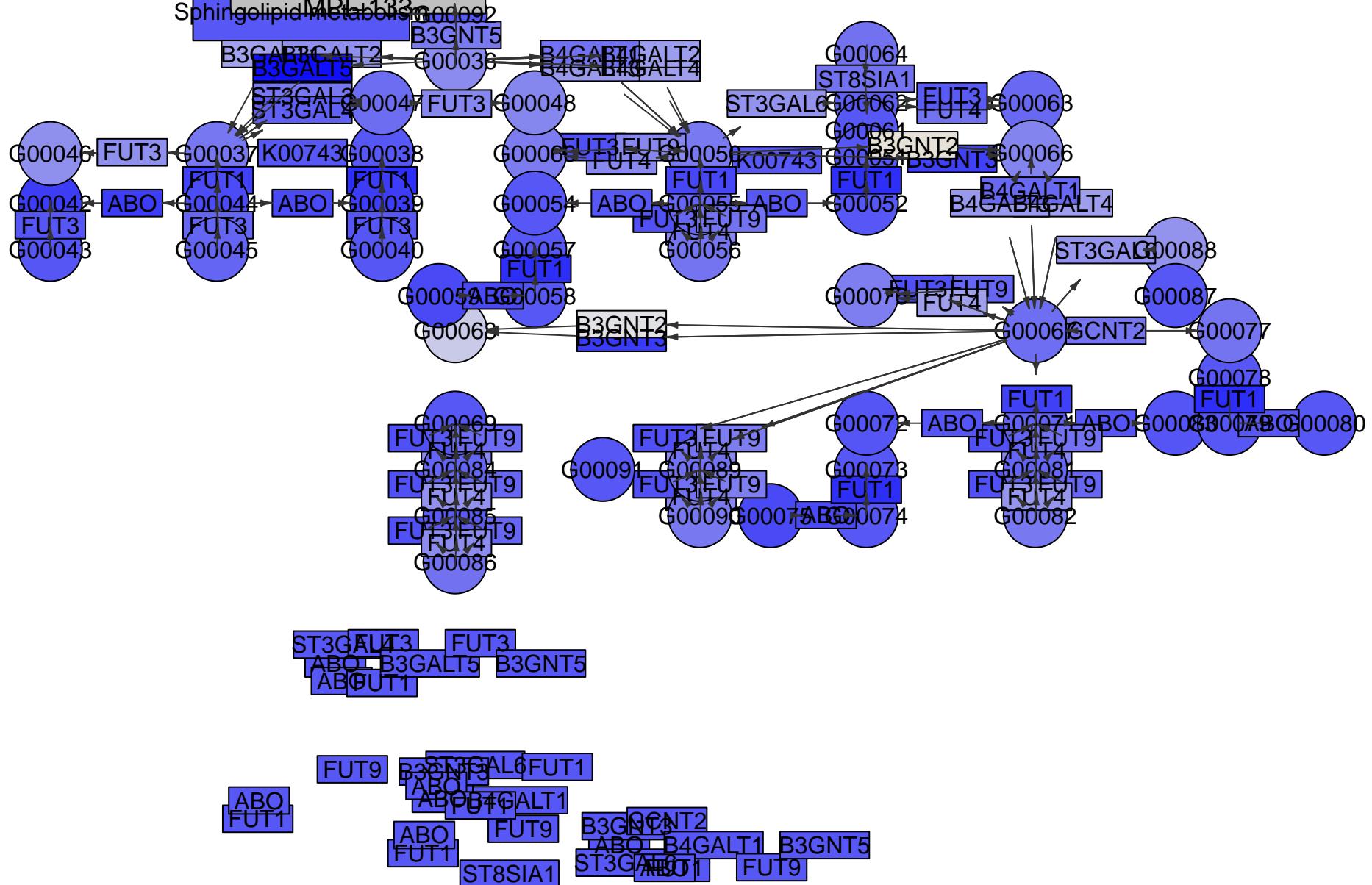
Glycosphingolipid biosynthesis – lacto and neolacto series

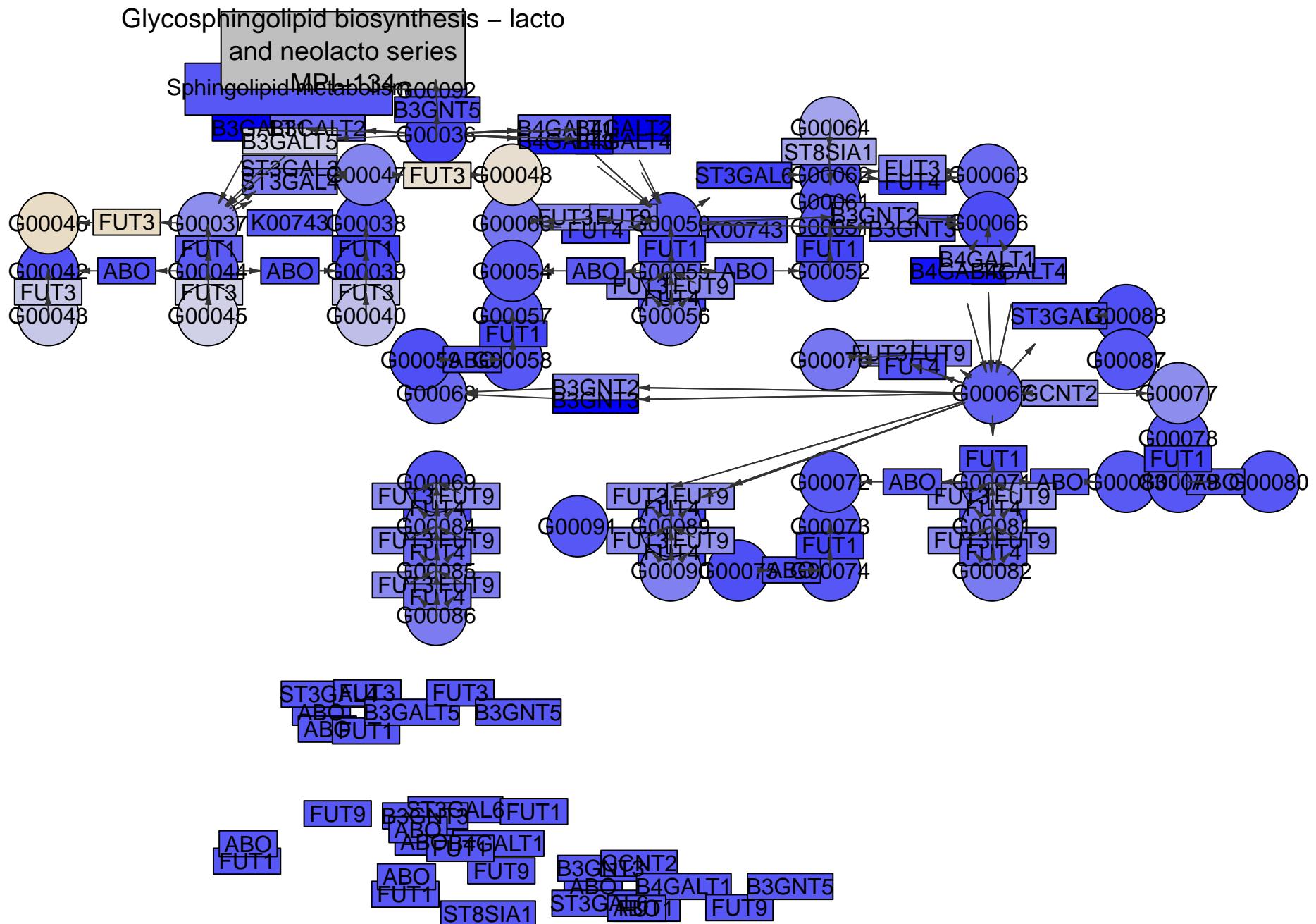


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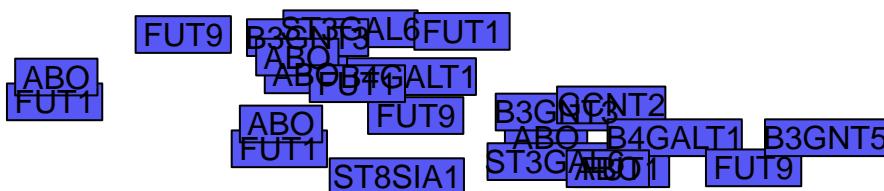
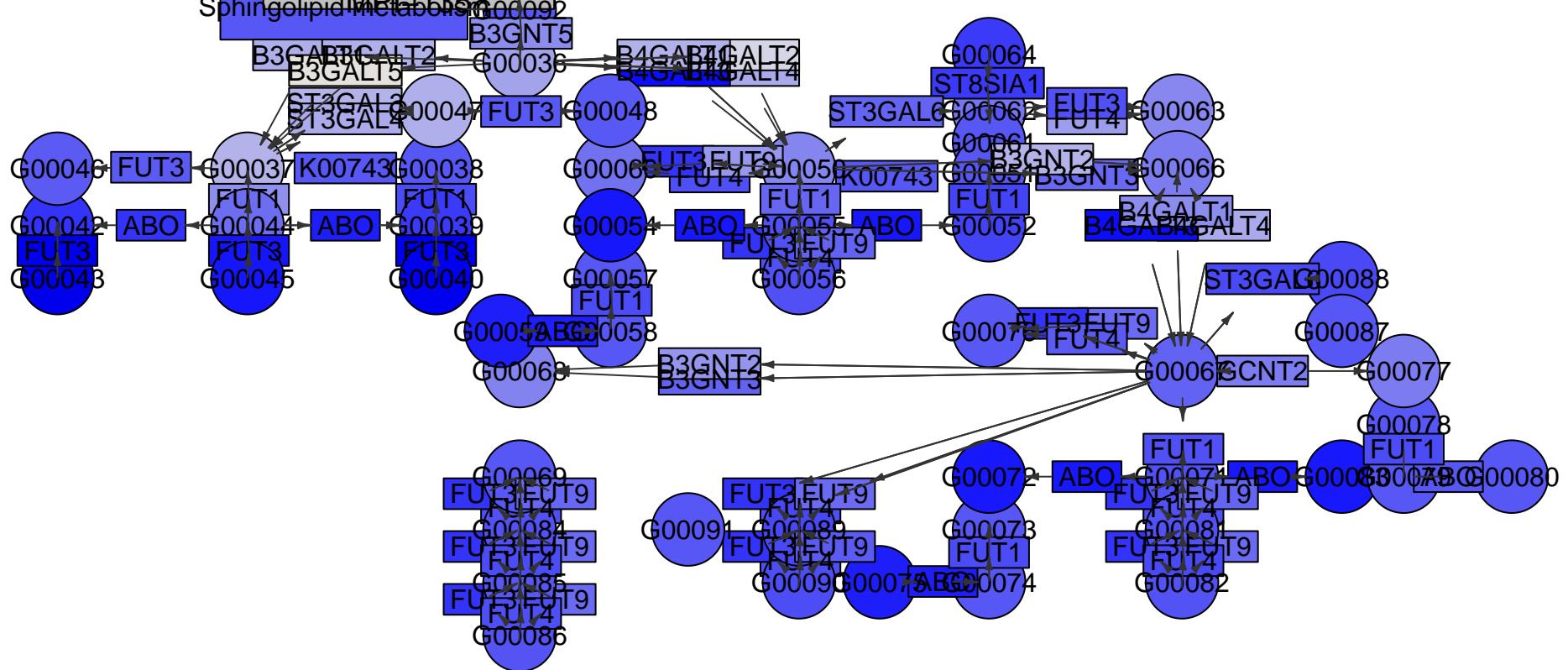


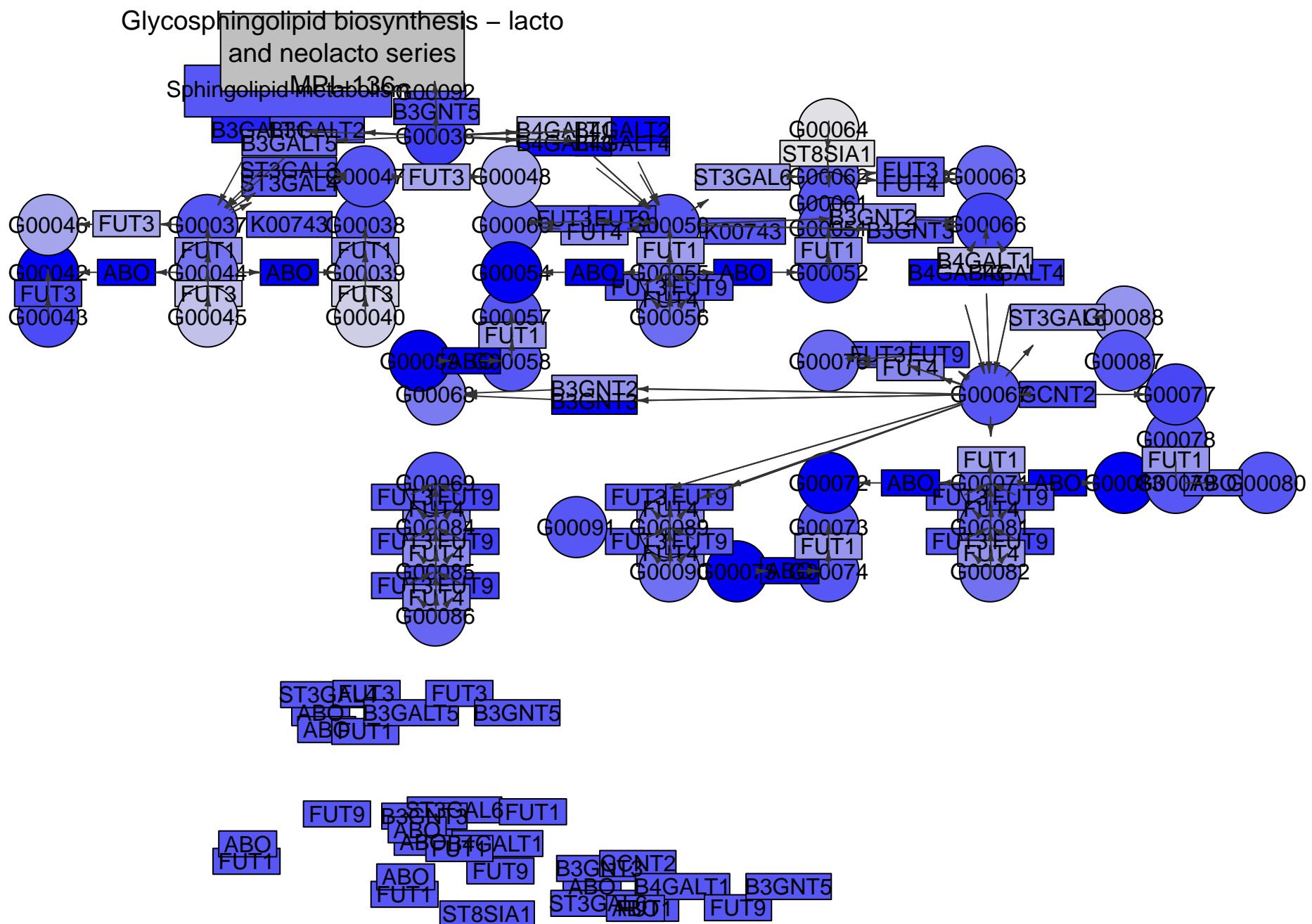
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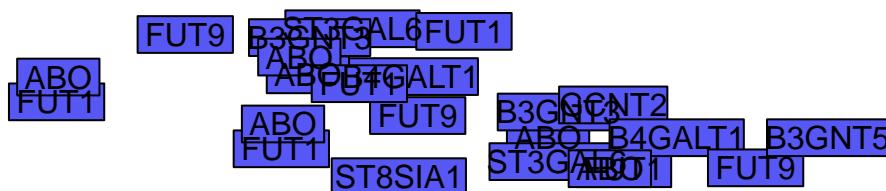
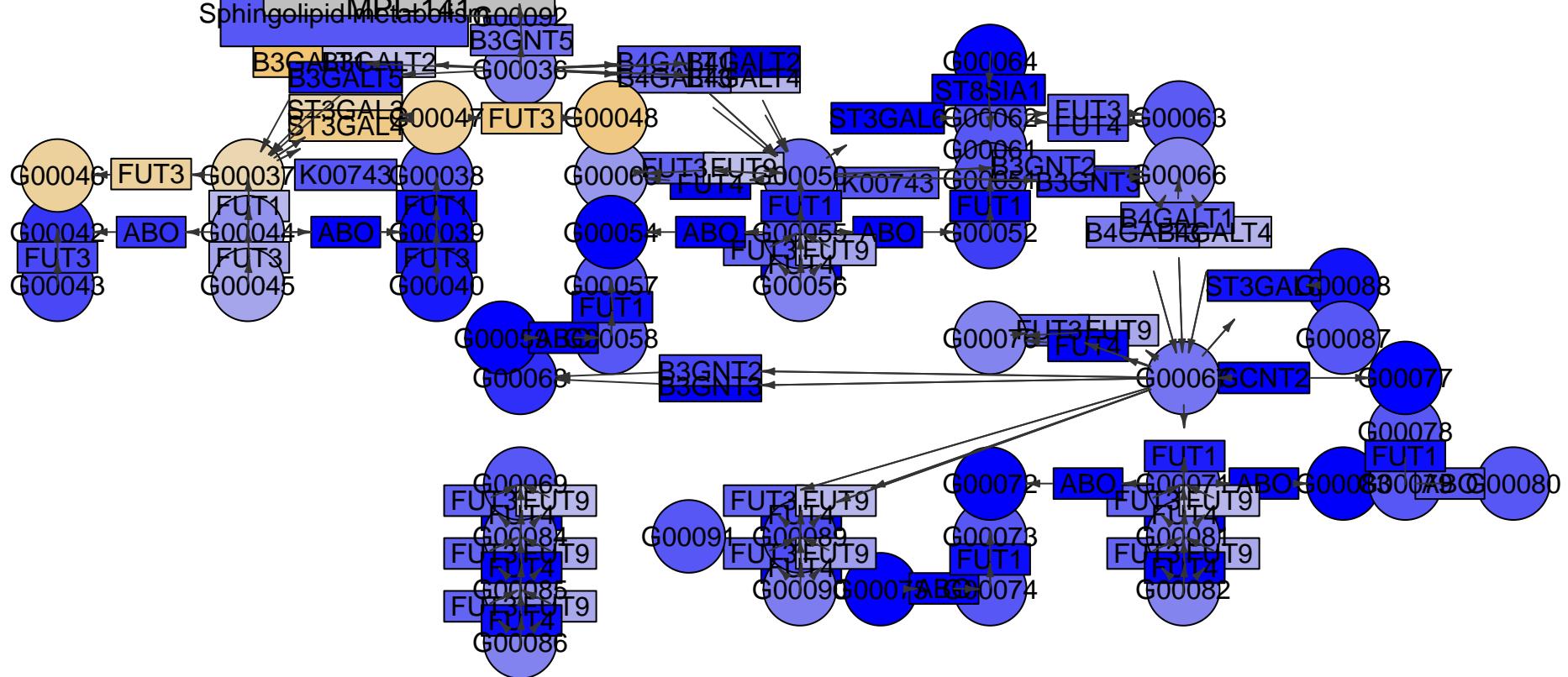


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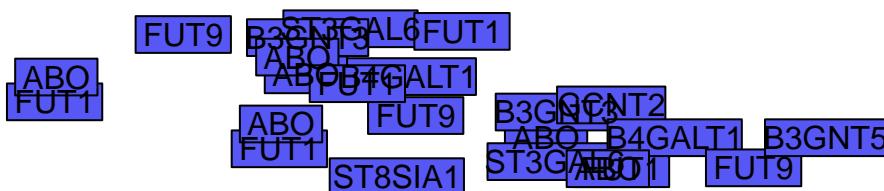
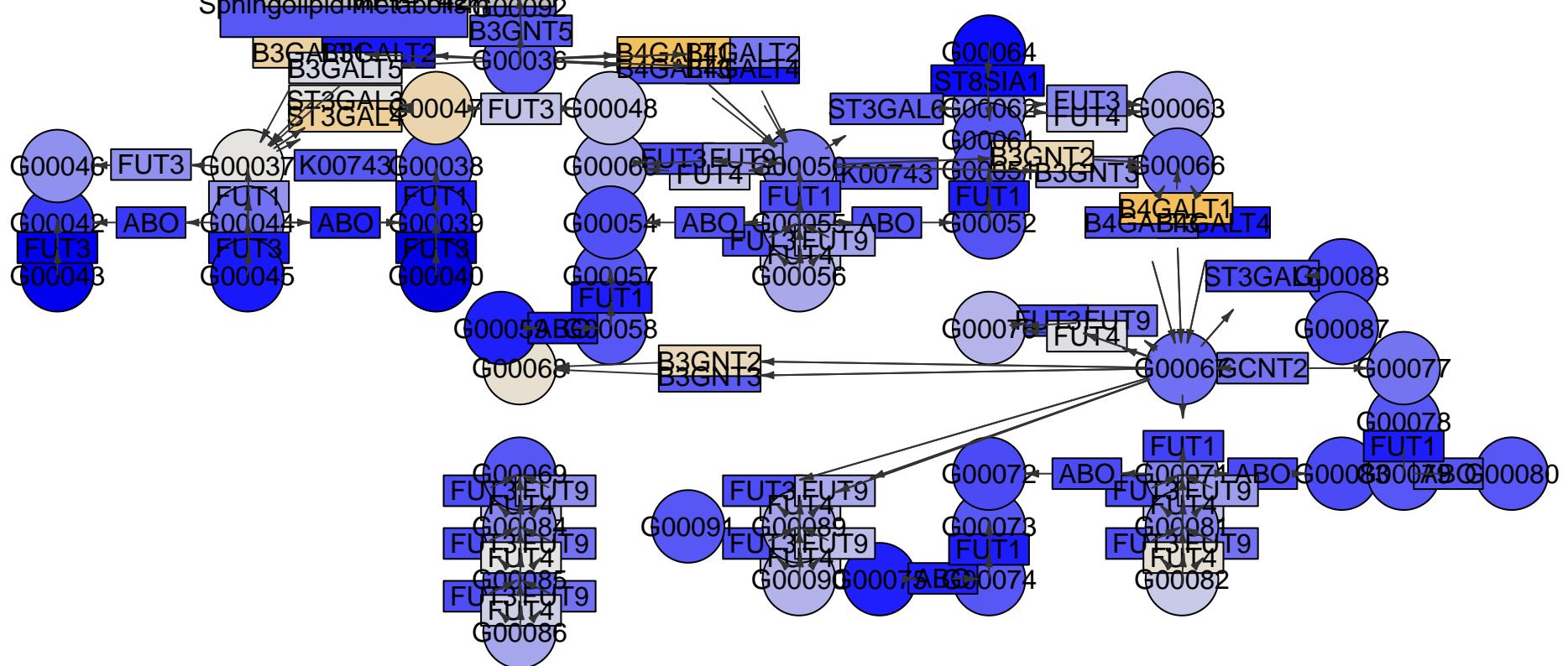




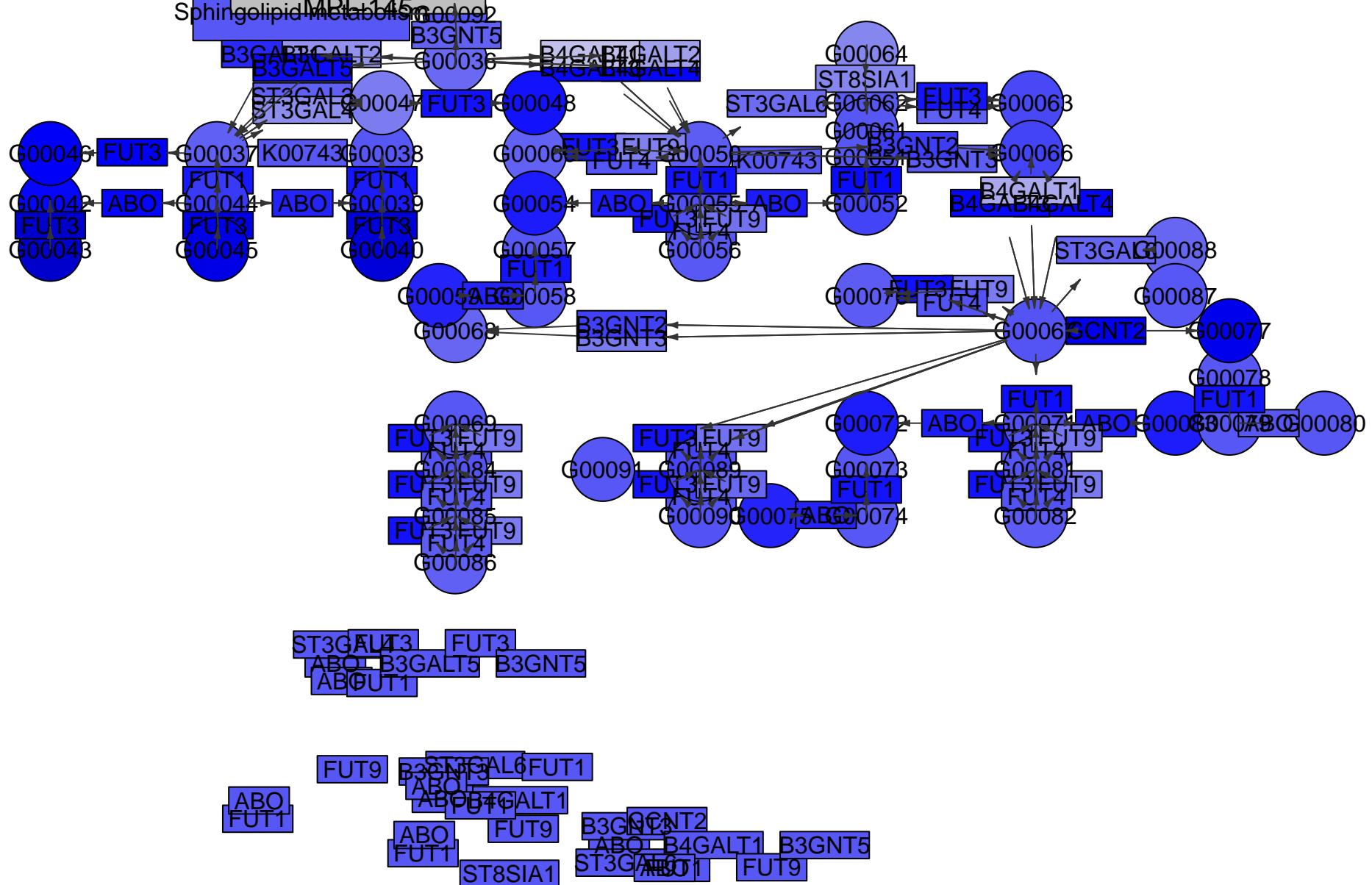
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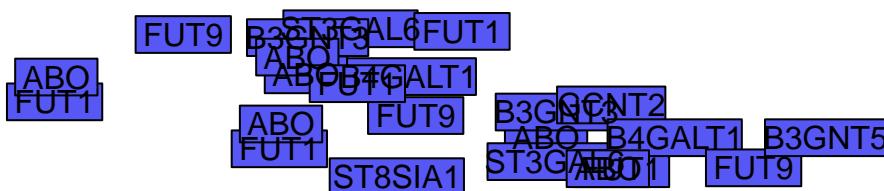
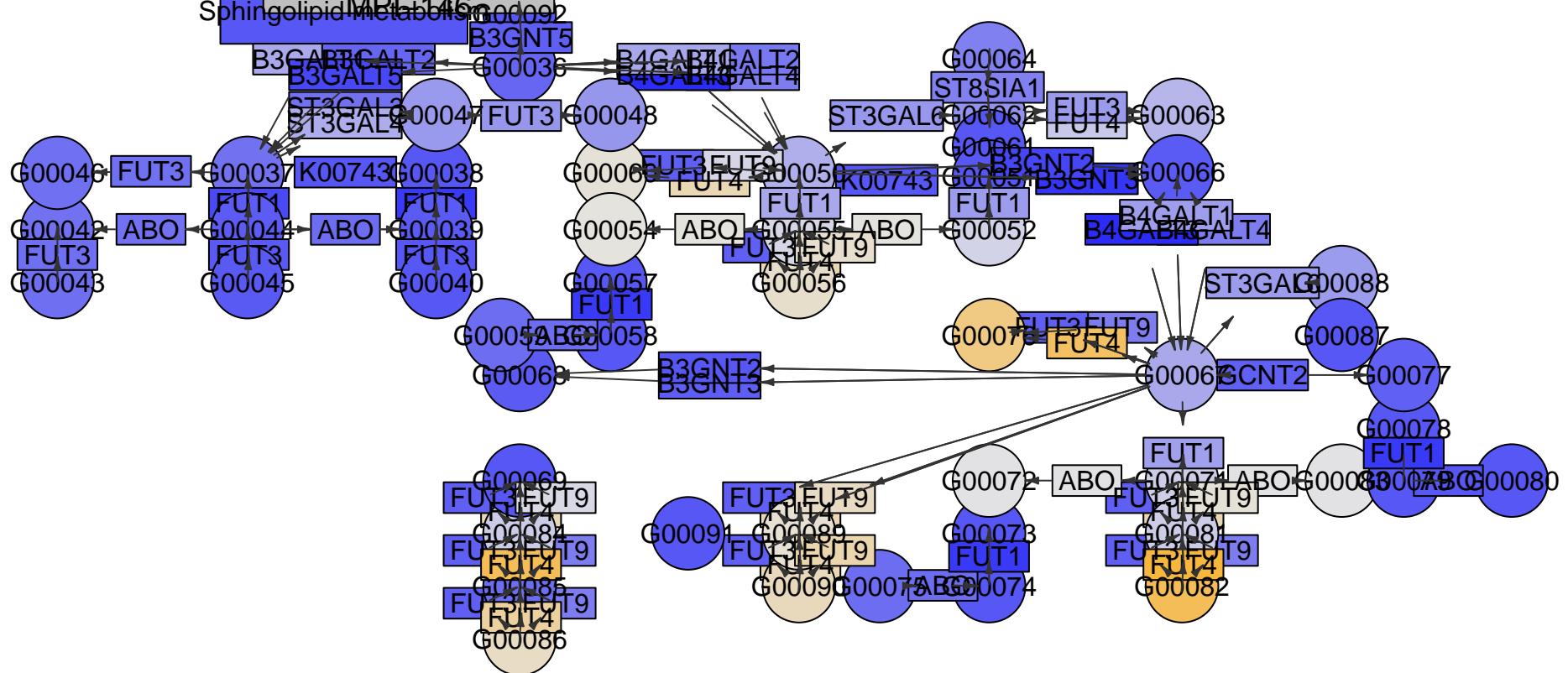
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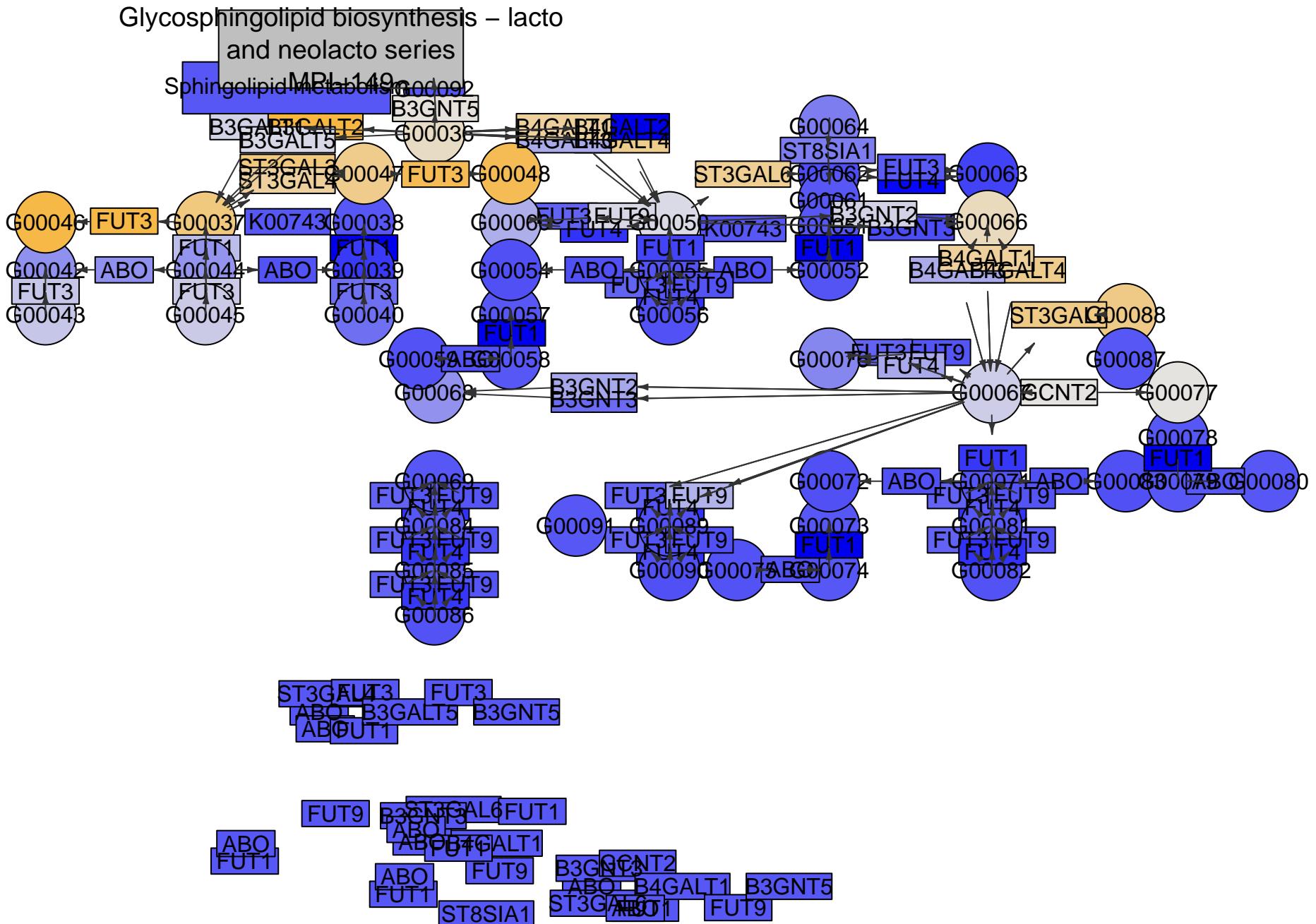


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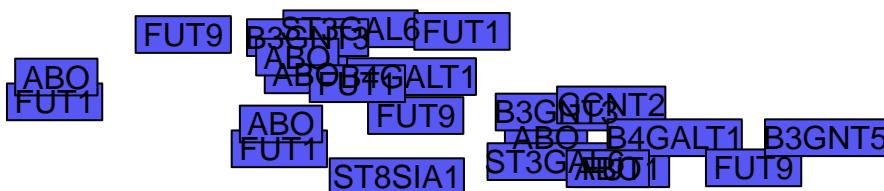
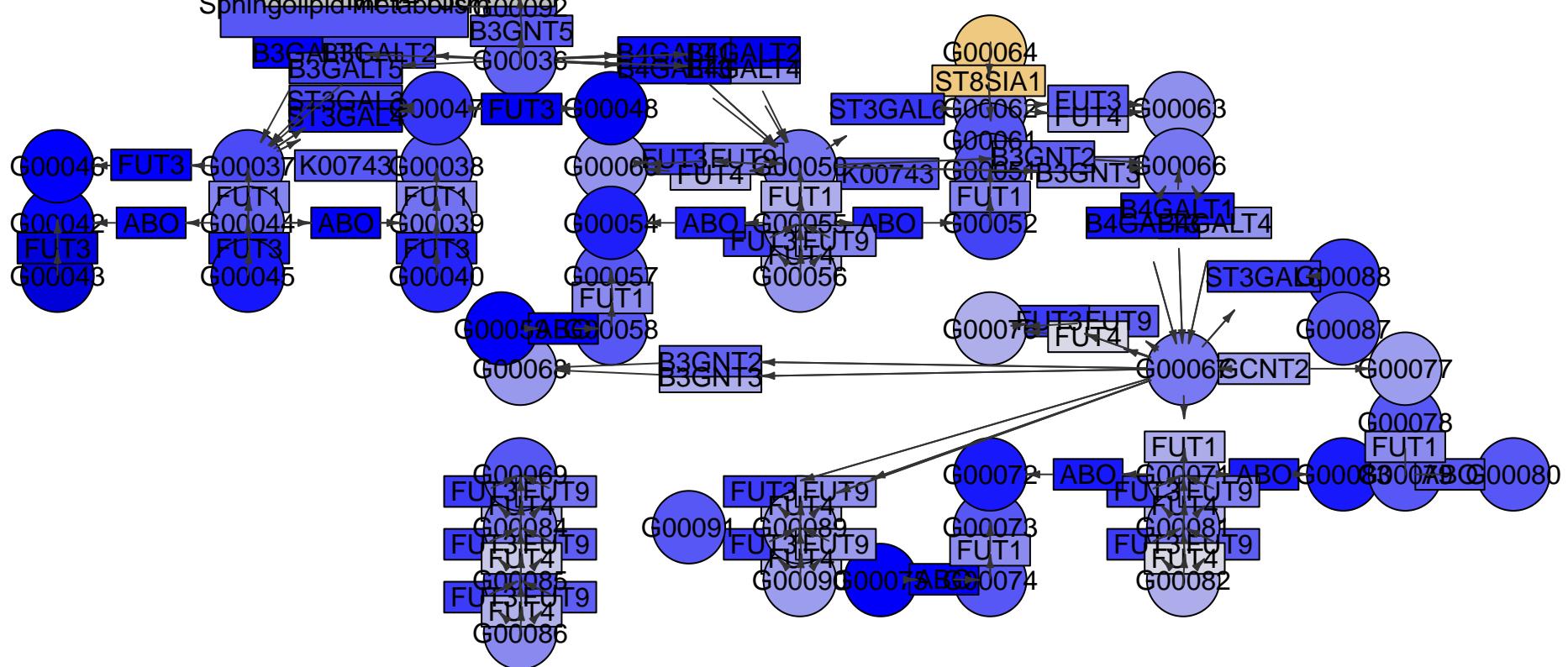


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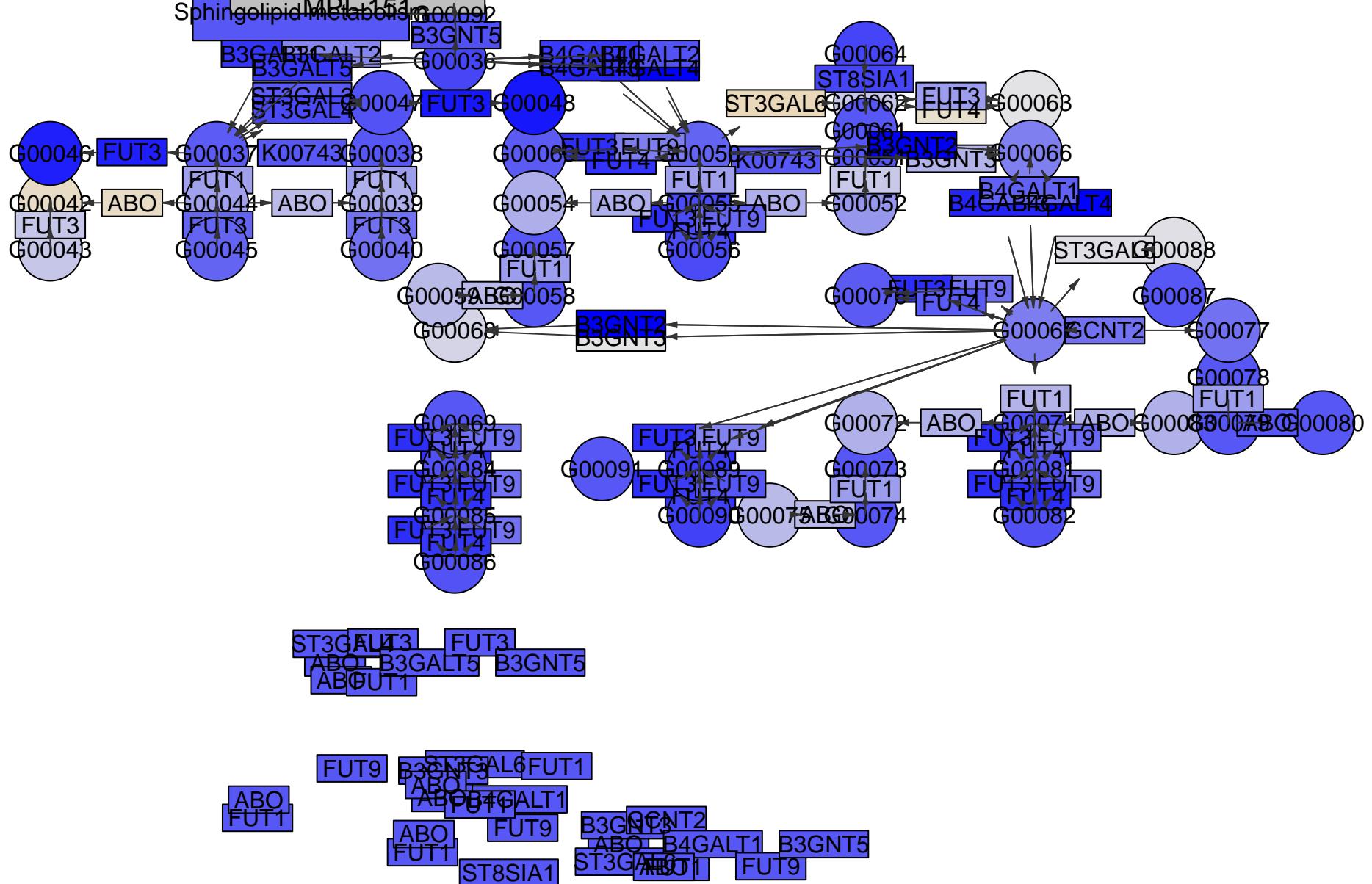


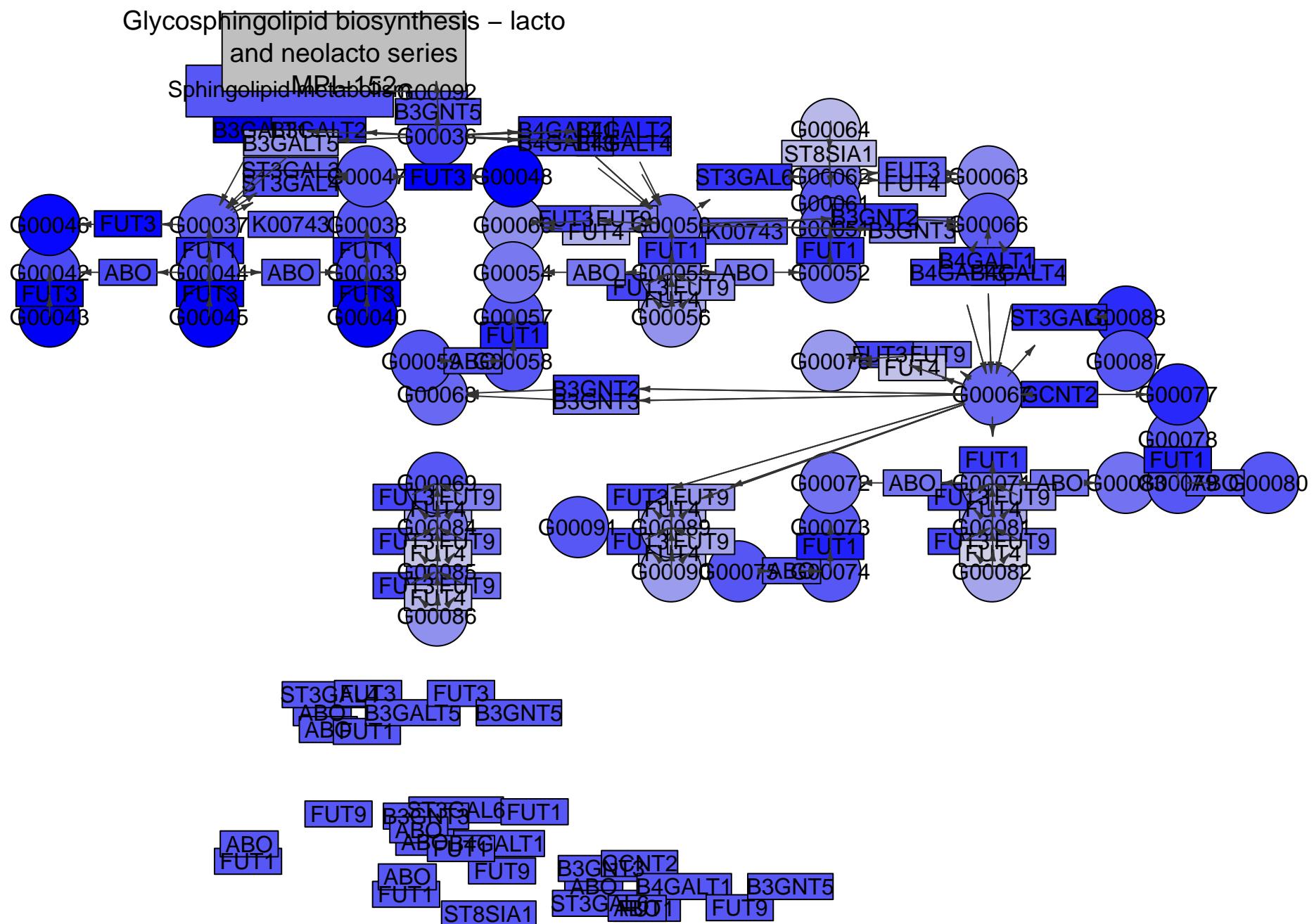


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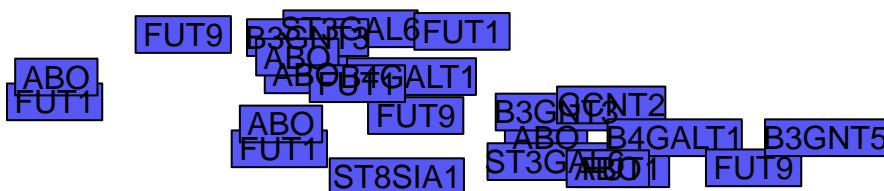
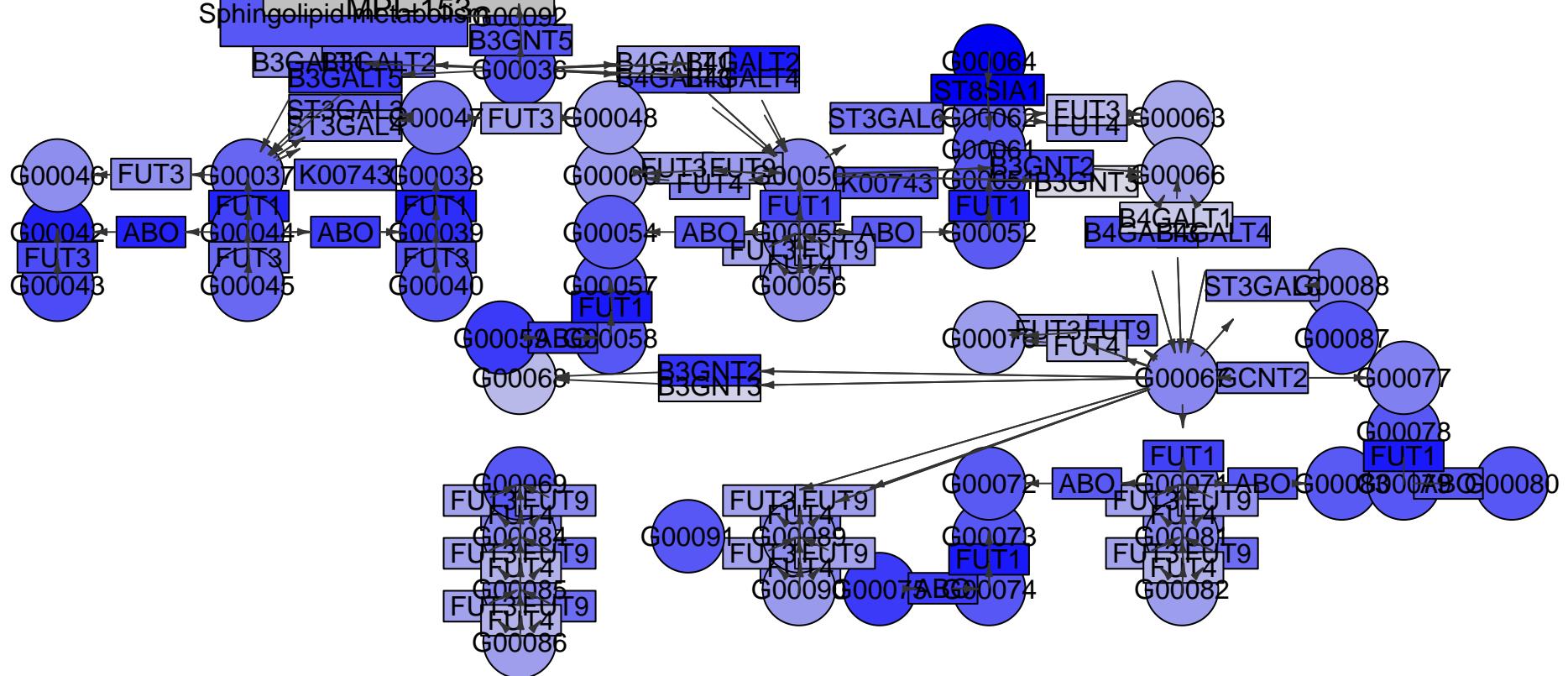


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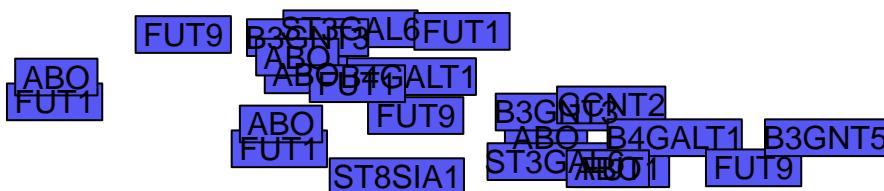
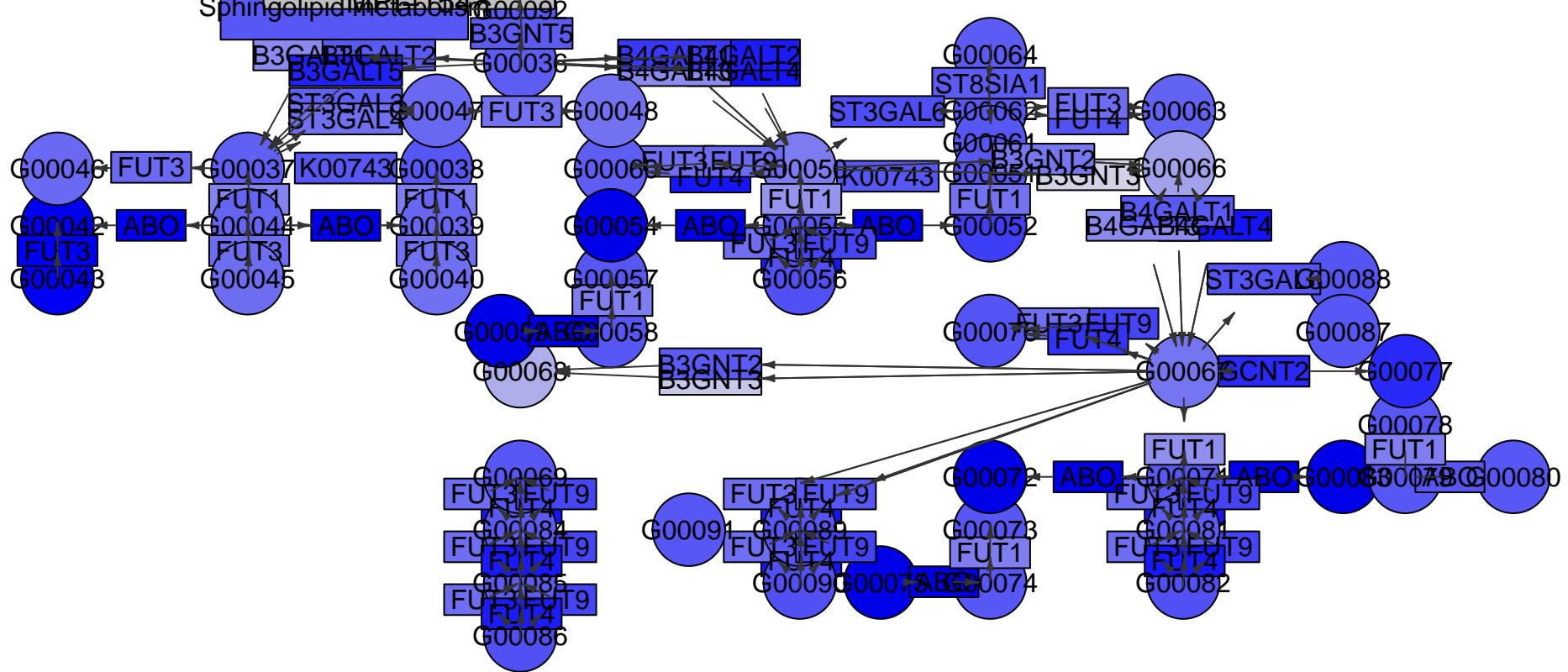


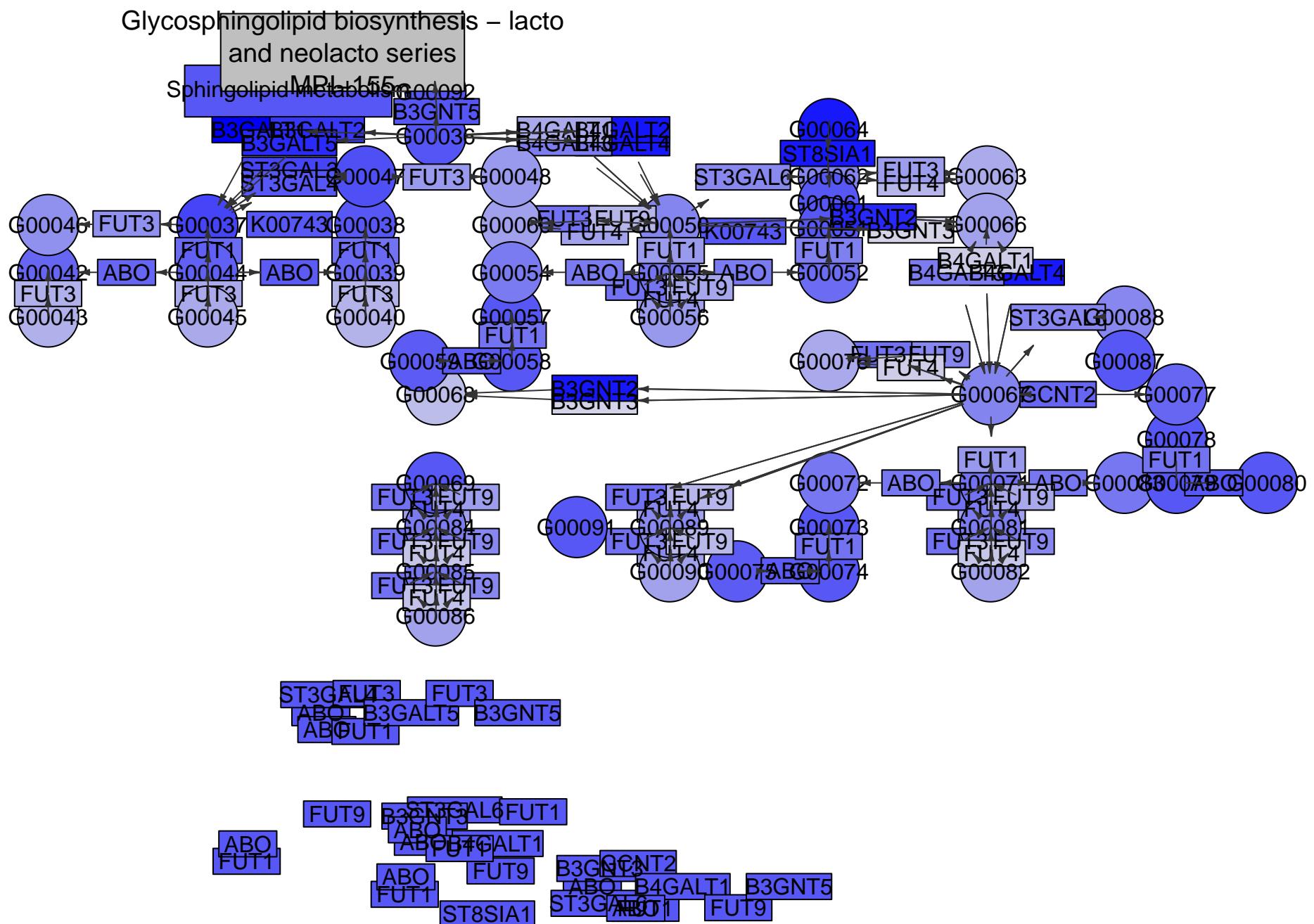


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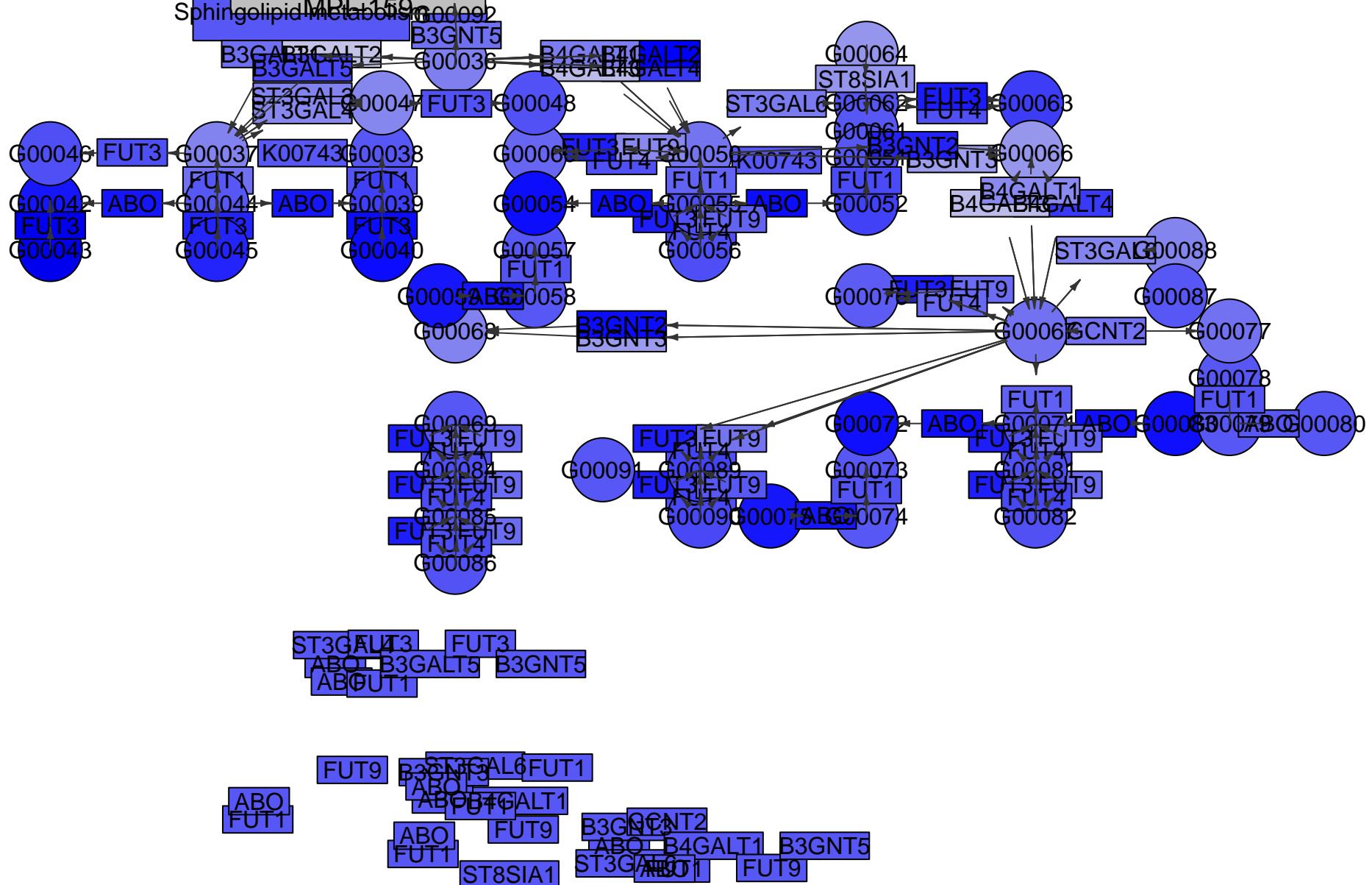


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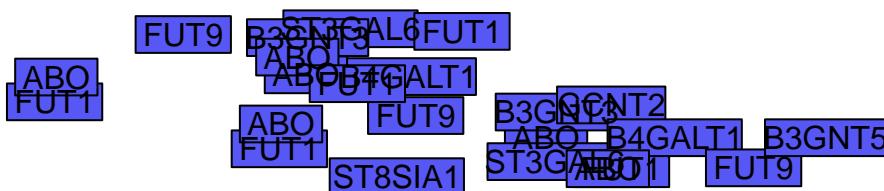
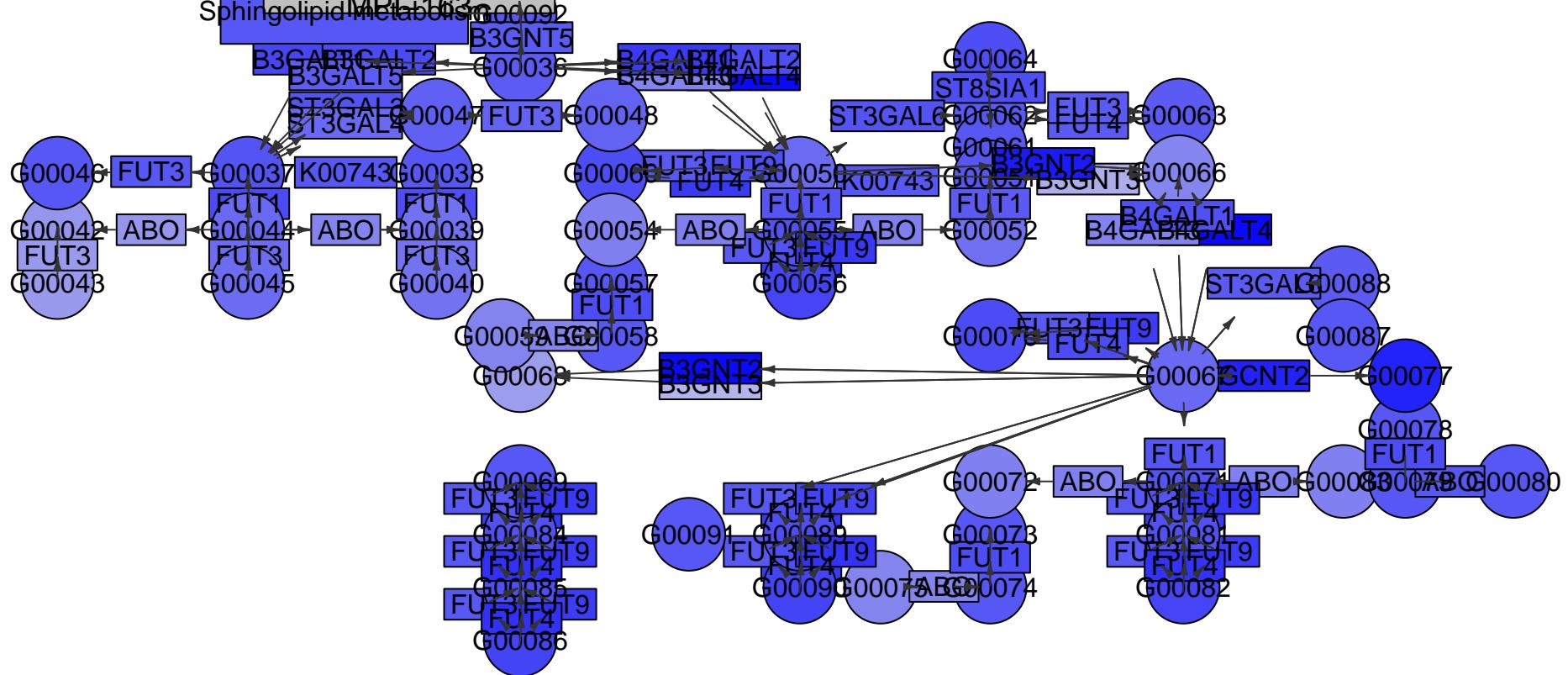




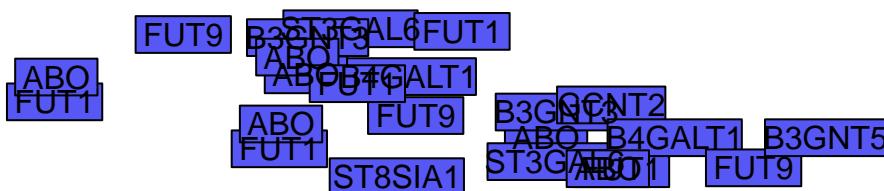
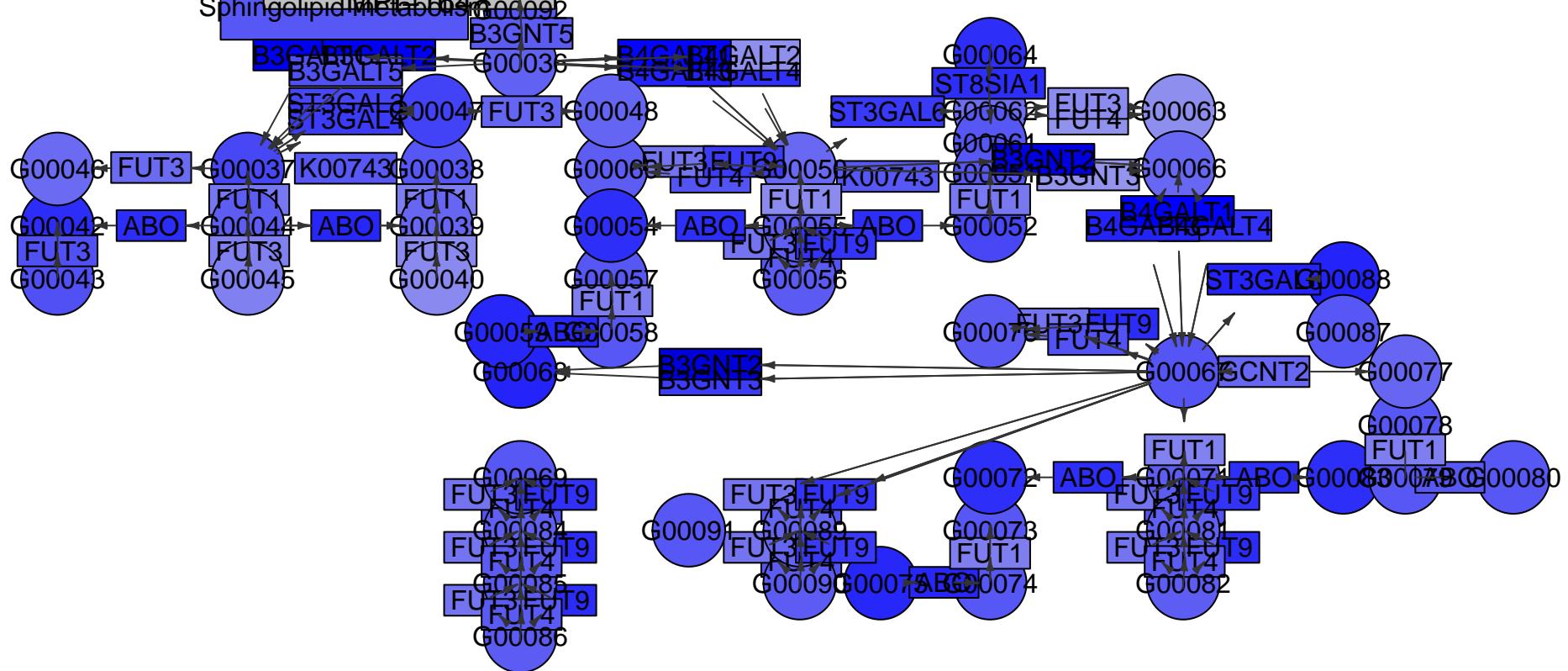
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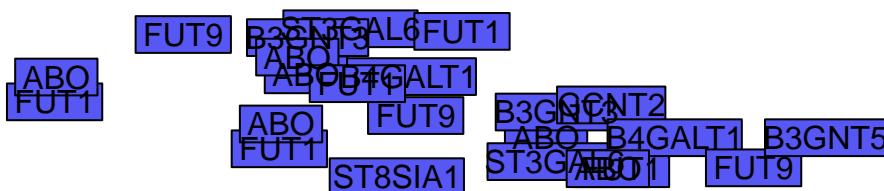
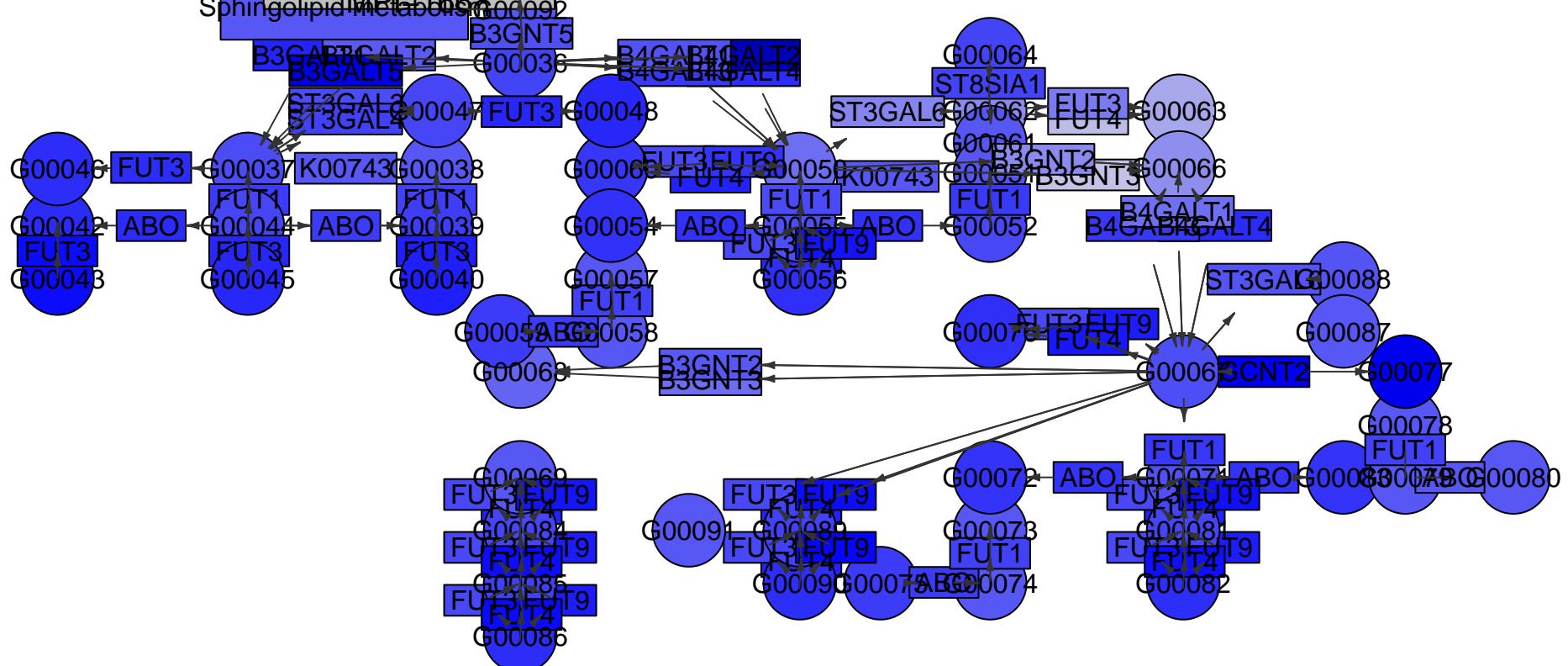
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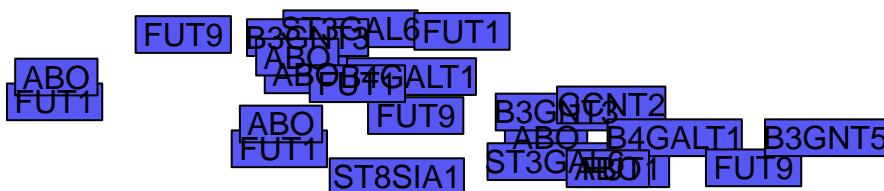
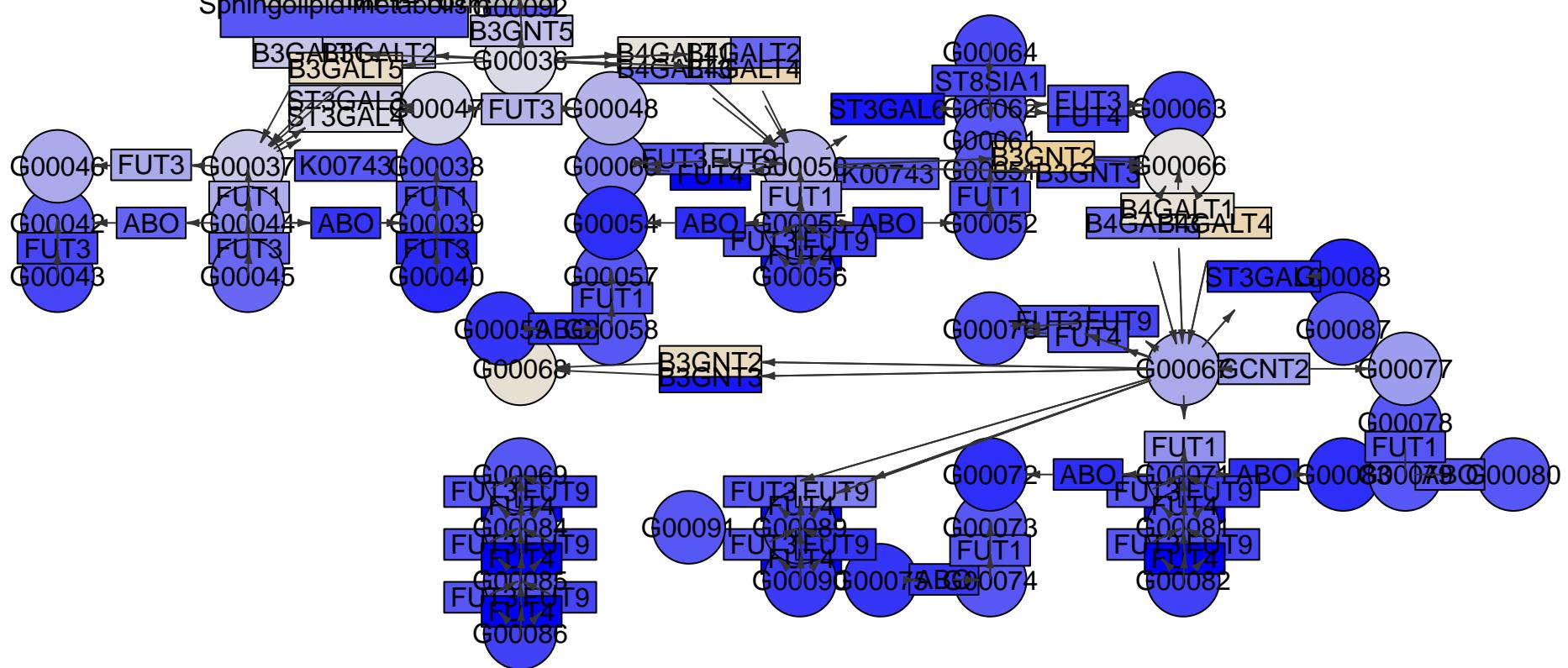
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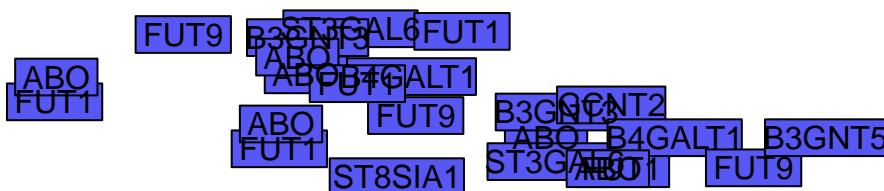
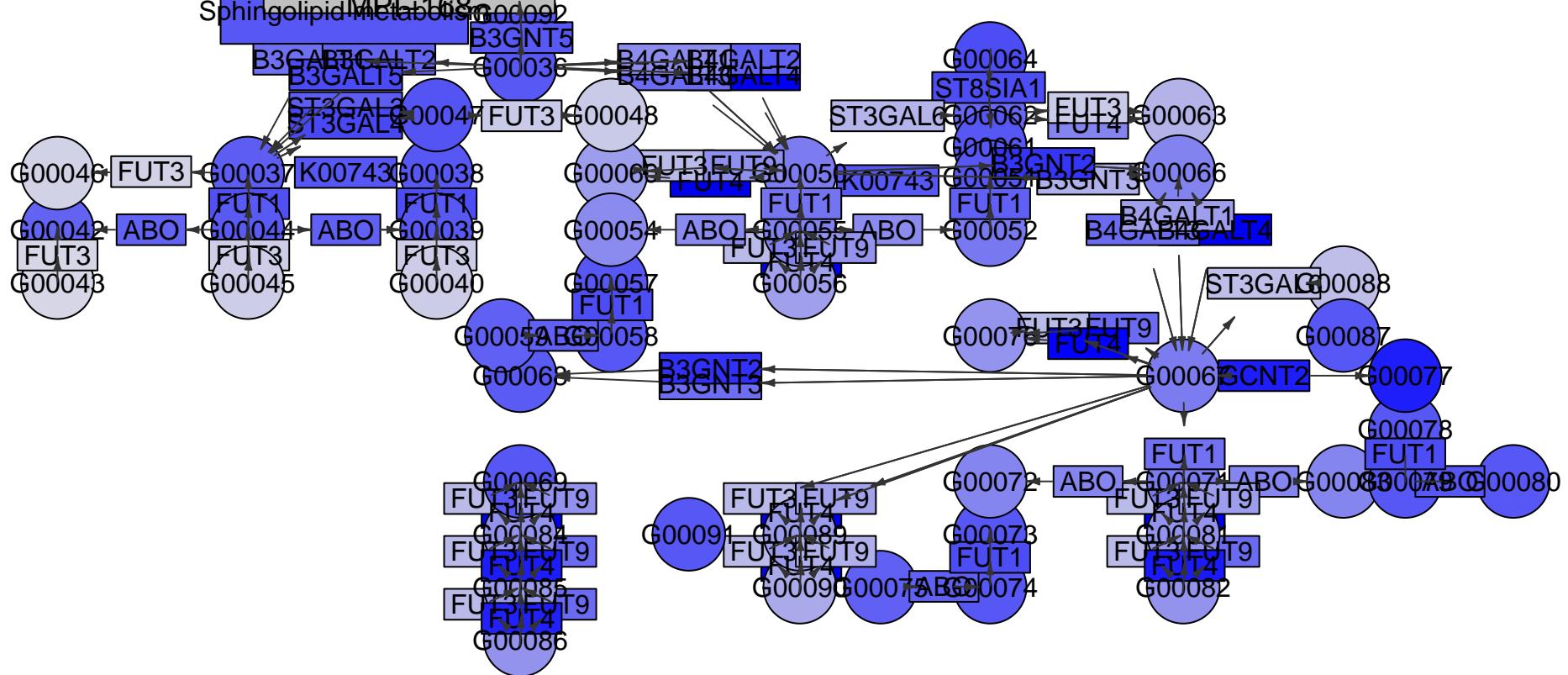
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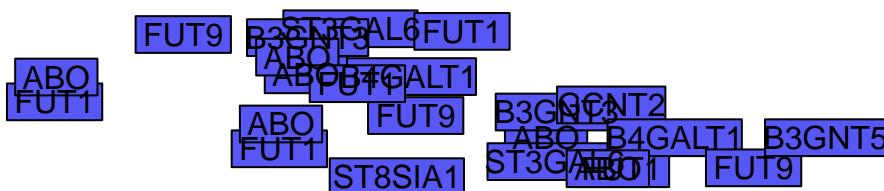
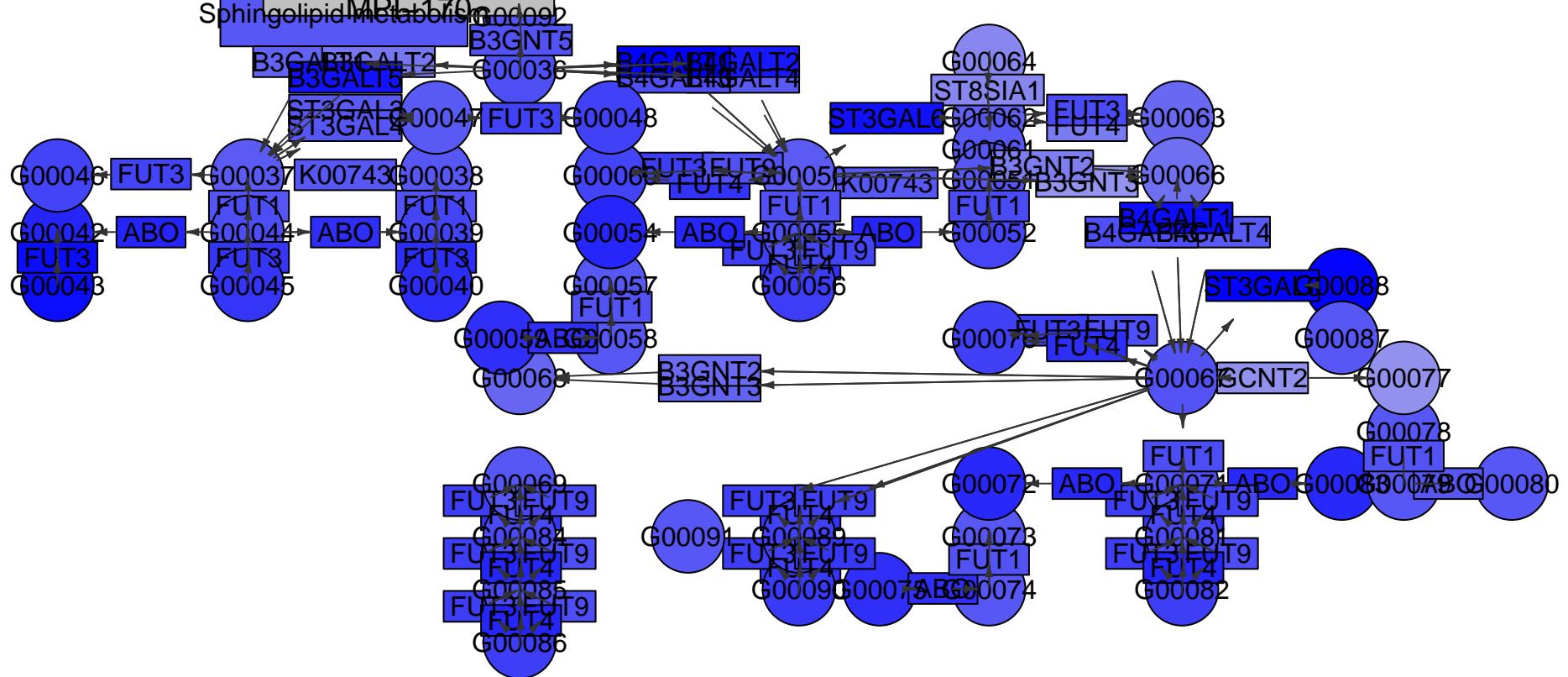
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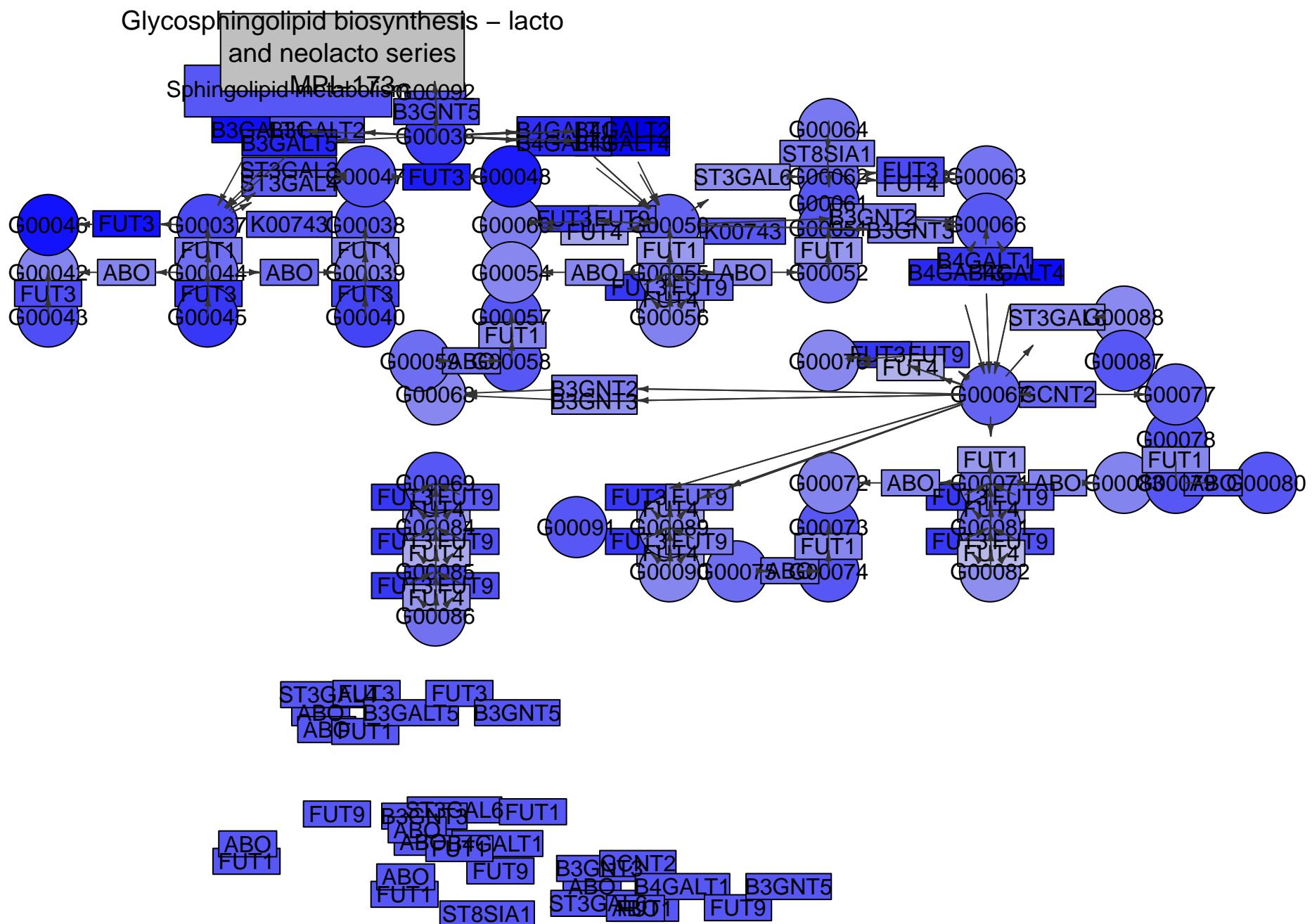


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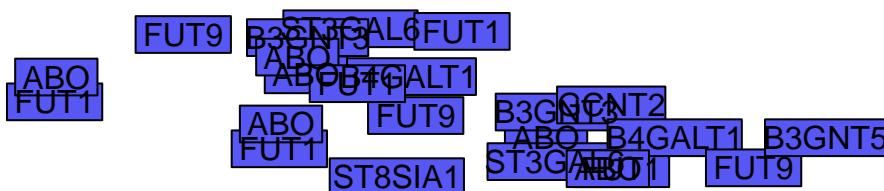
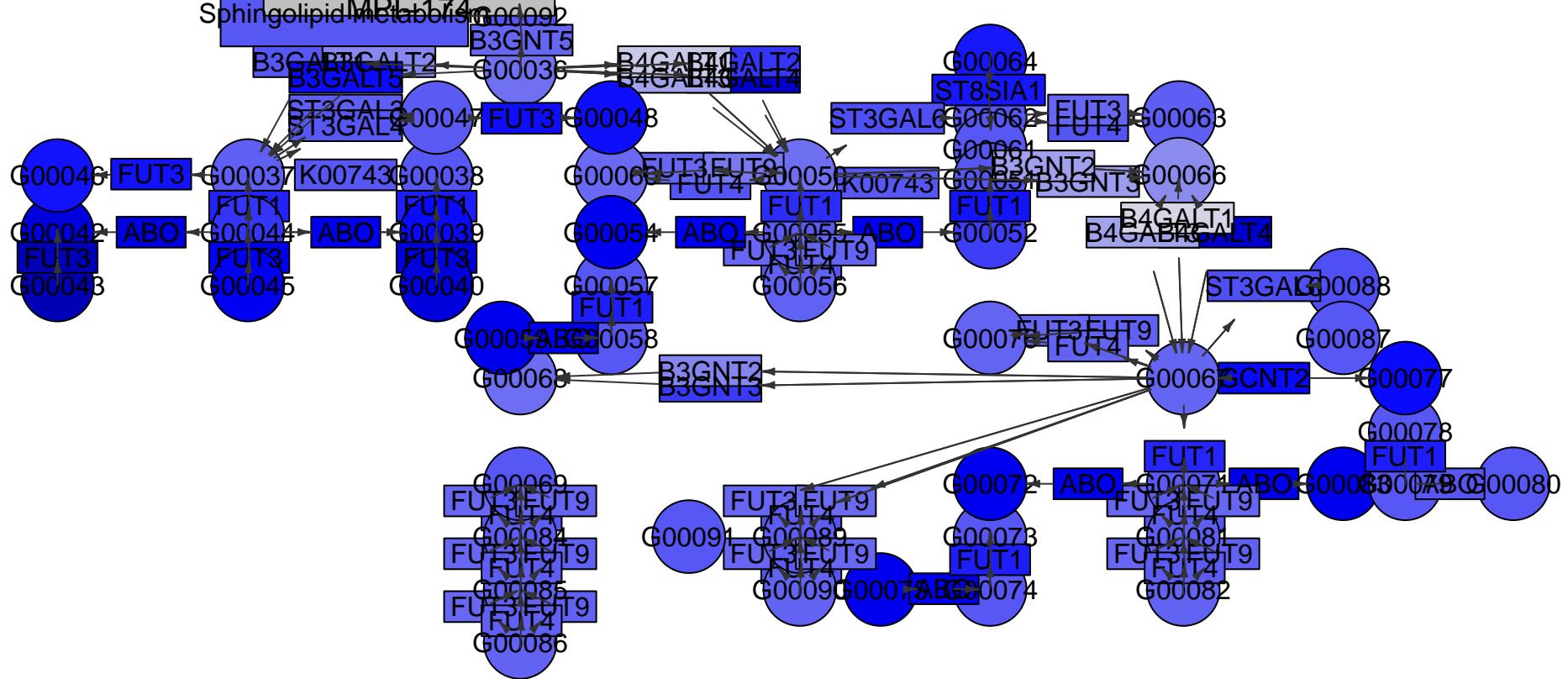


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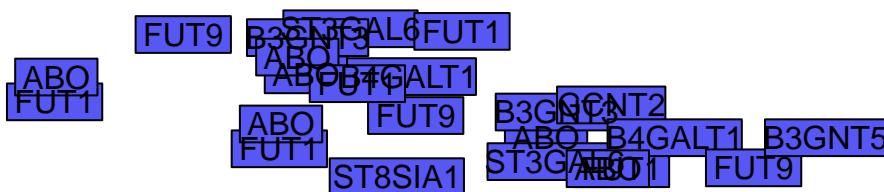
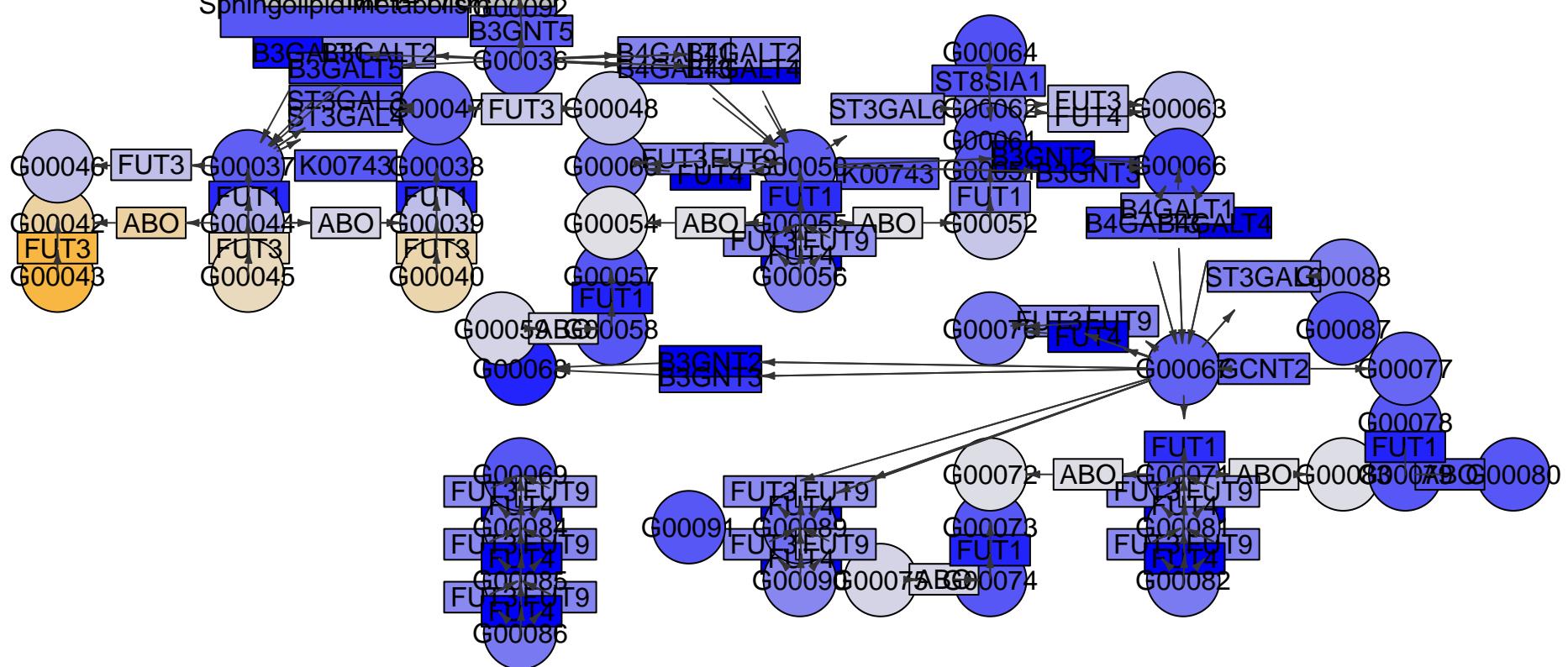




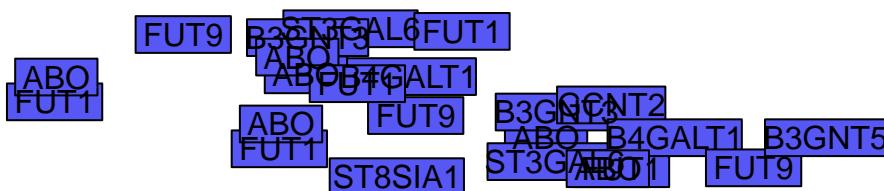
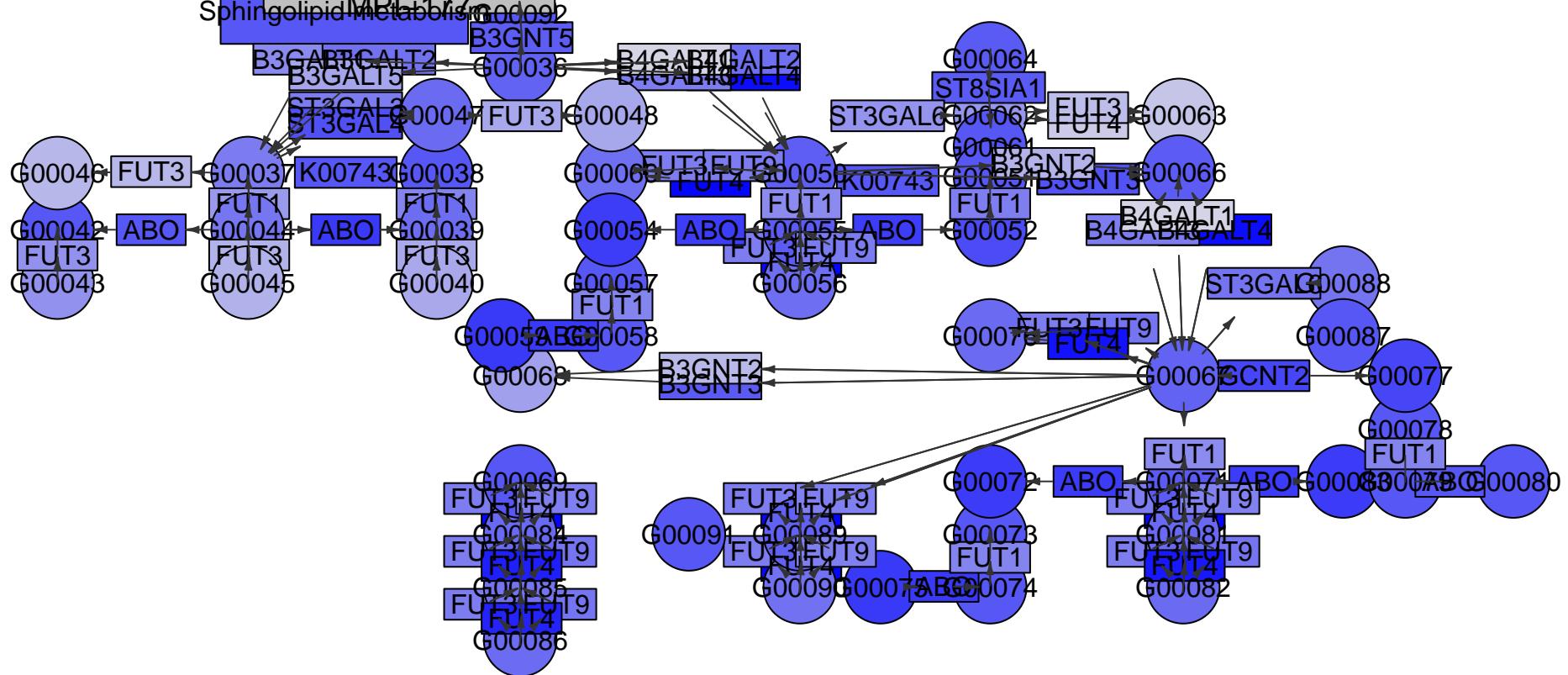
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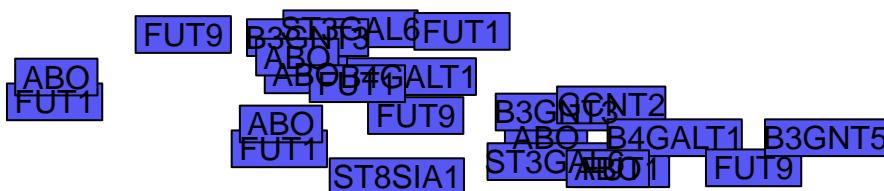
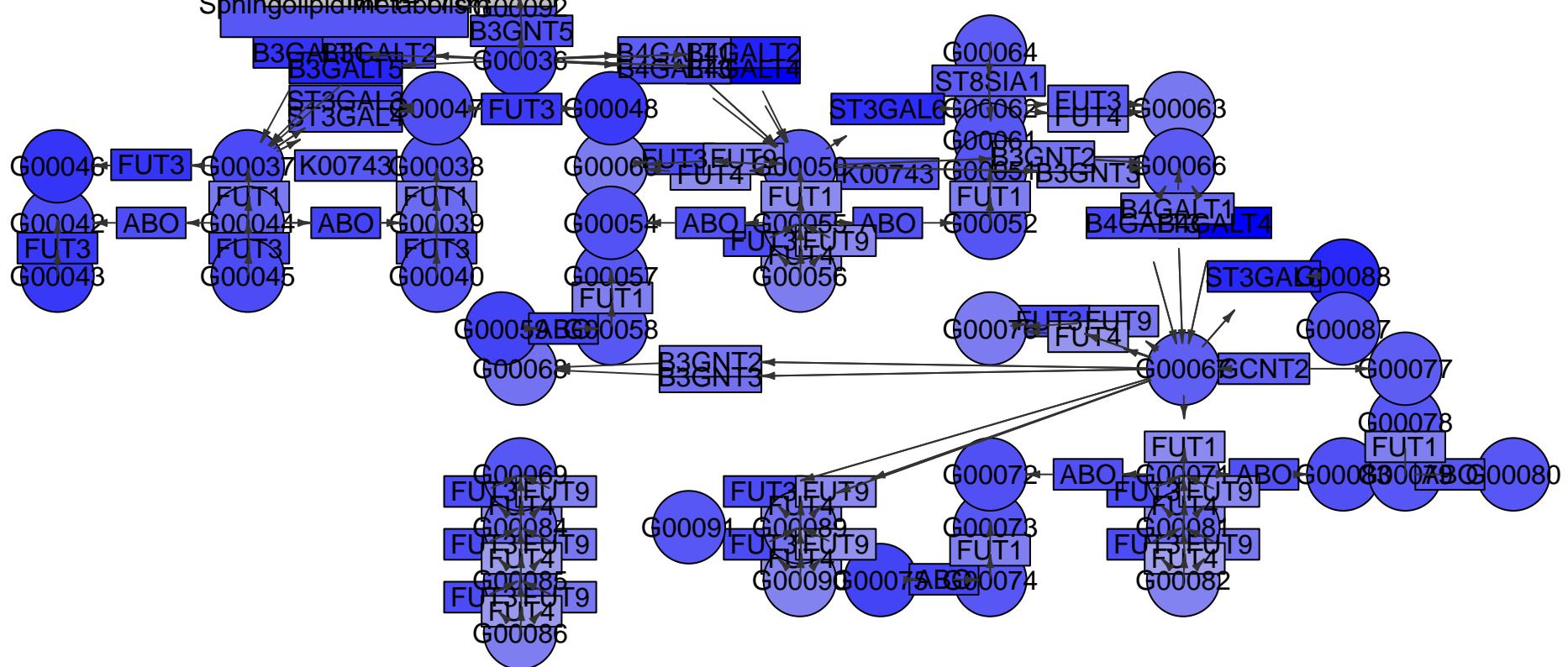
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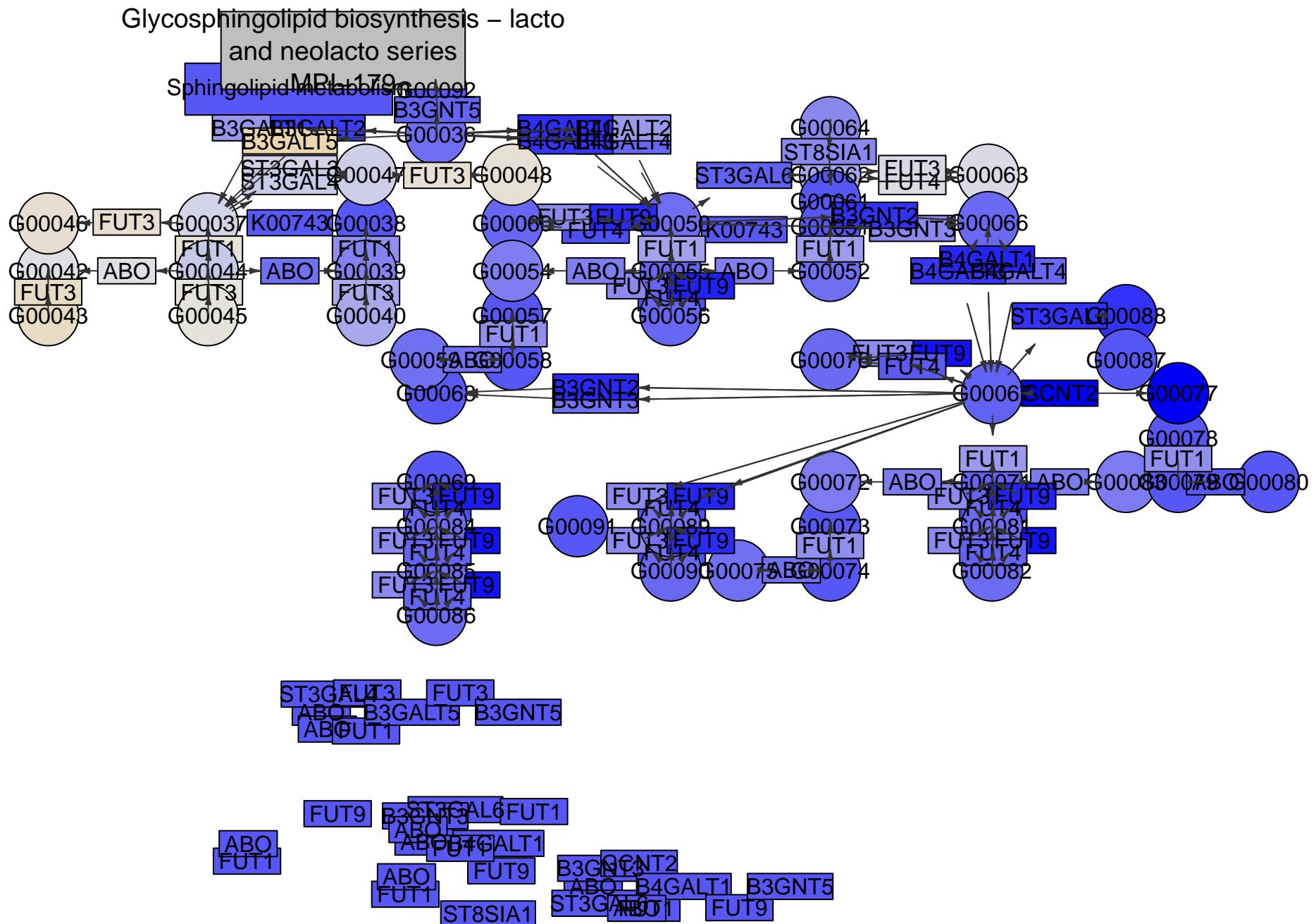


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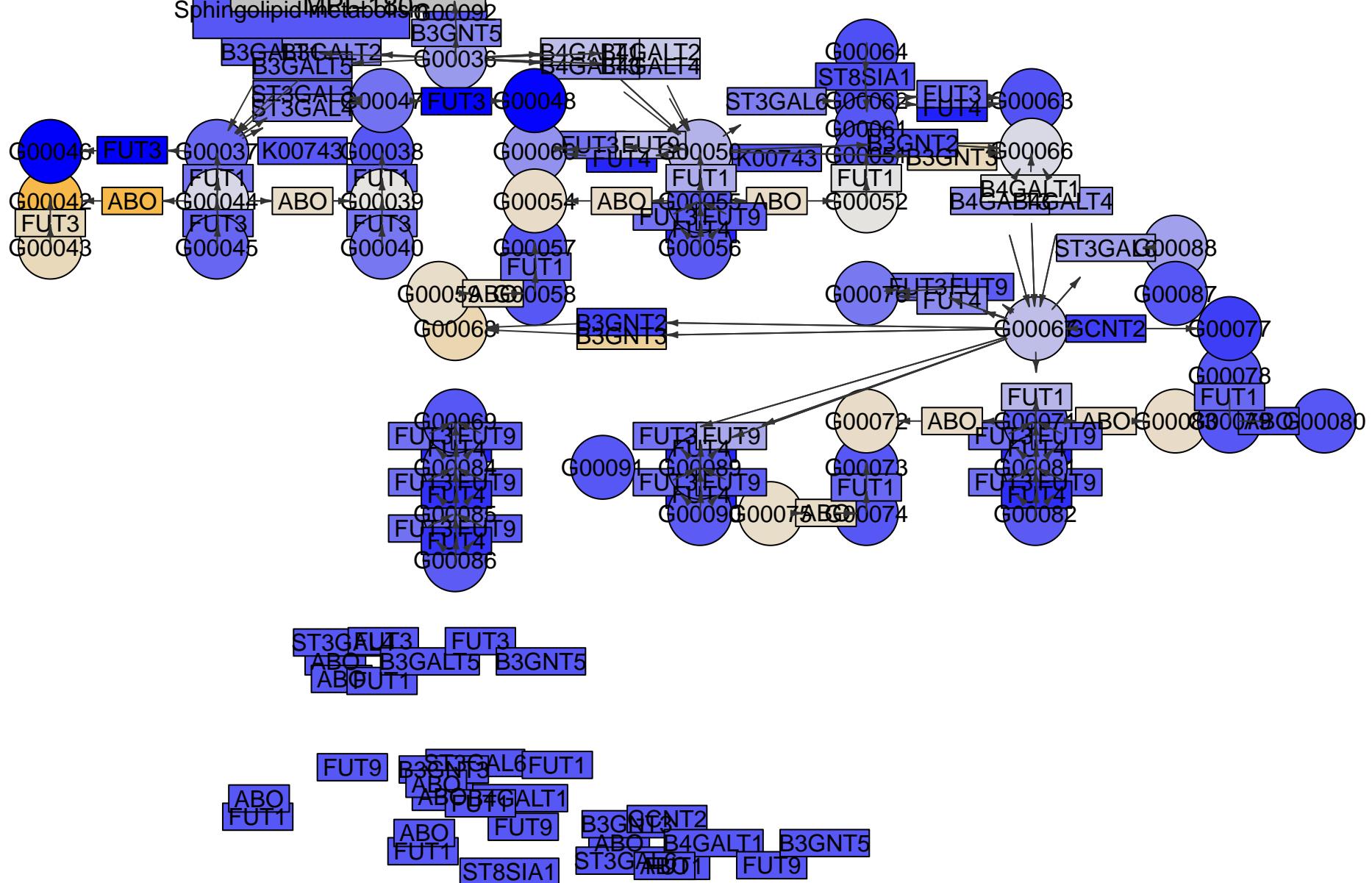


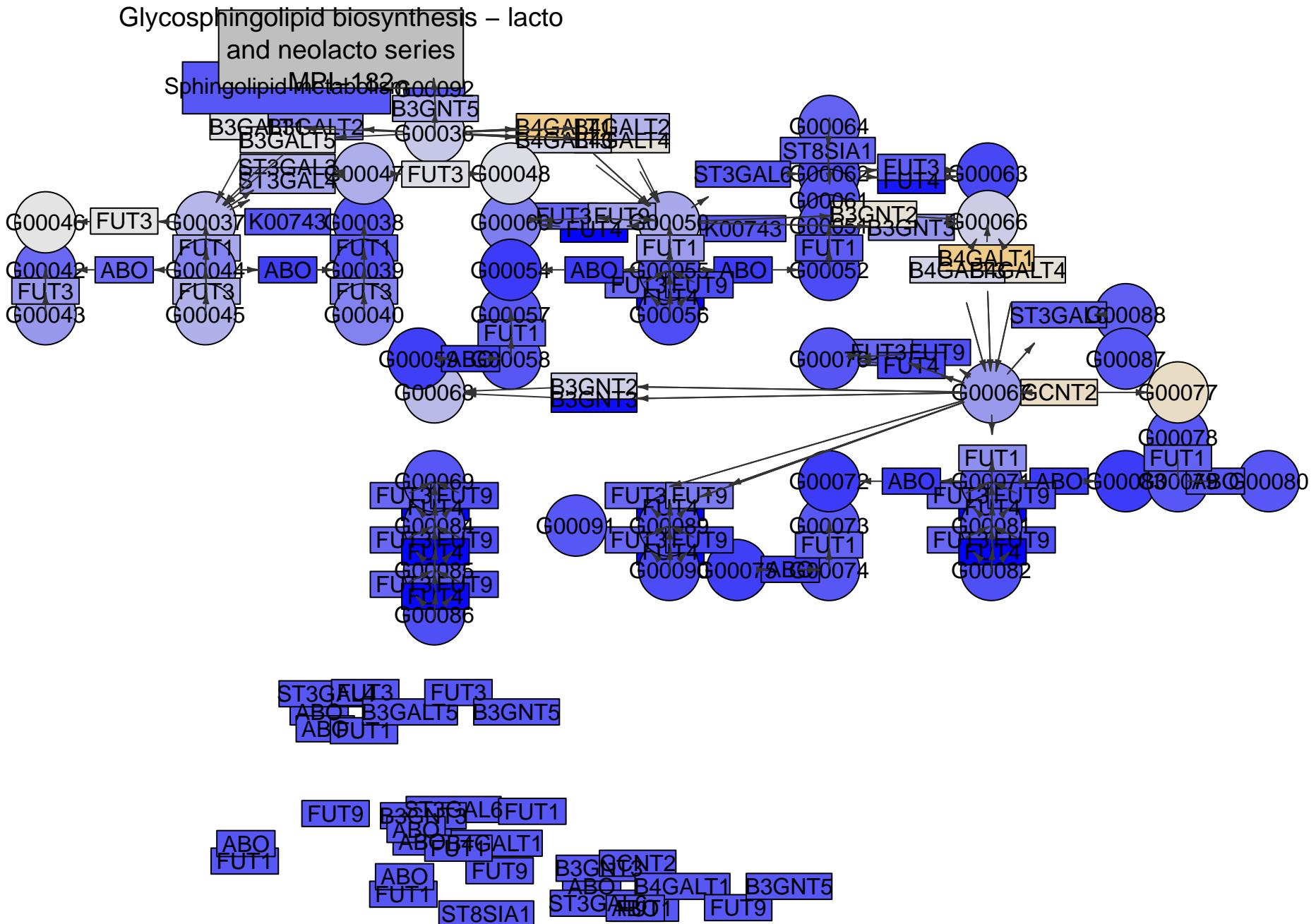
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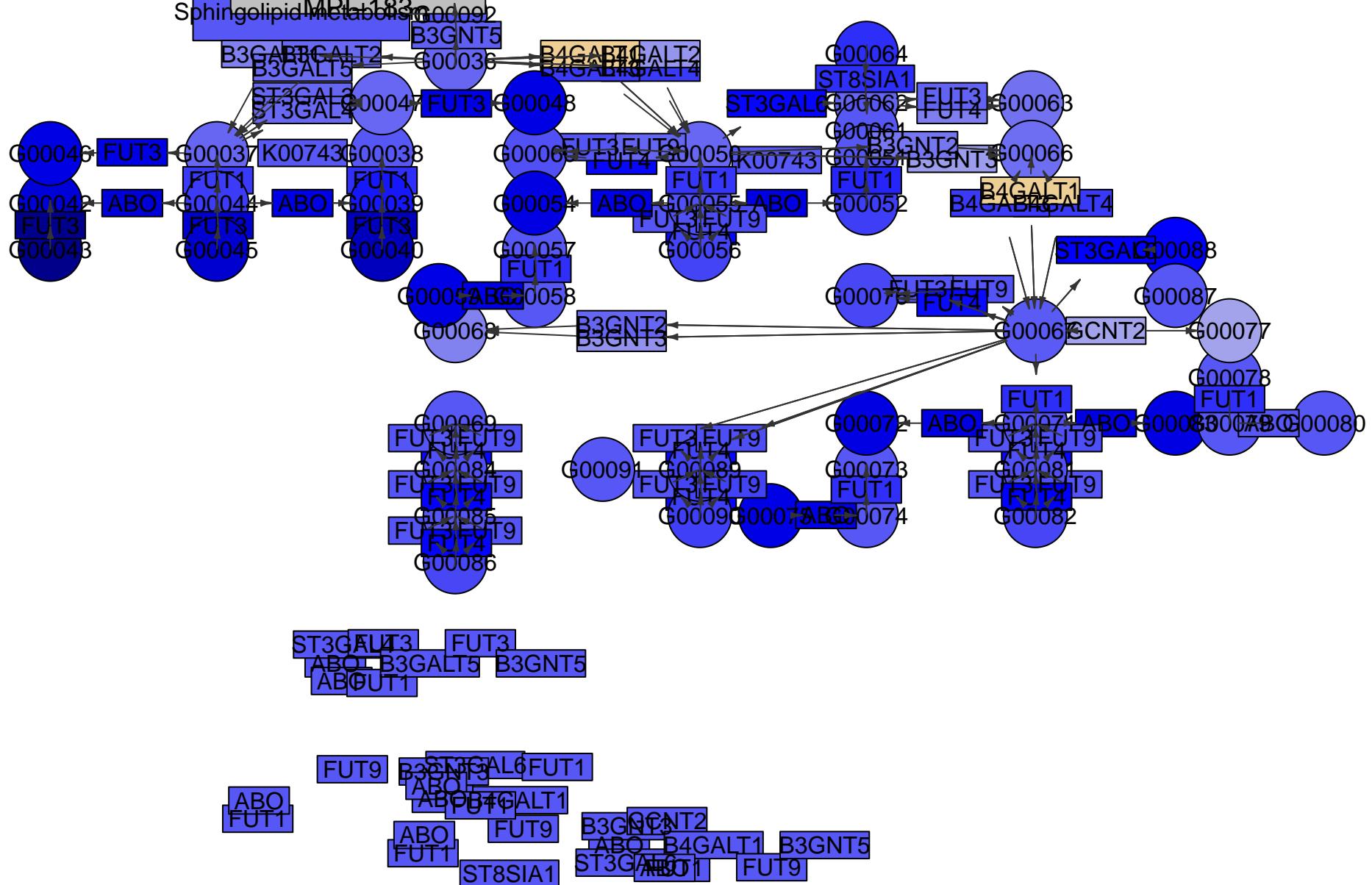


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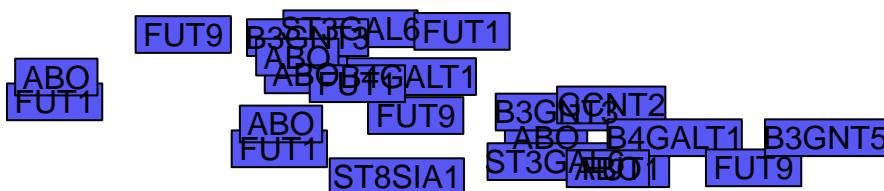
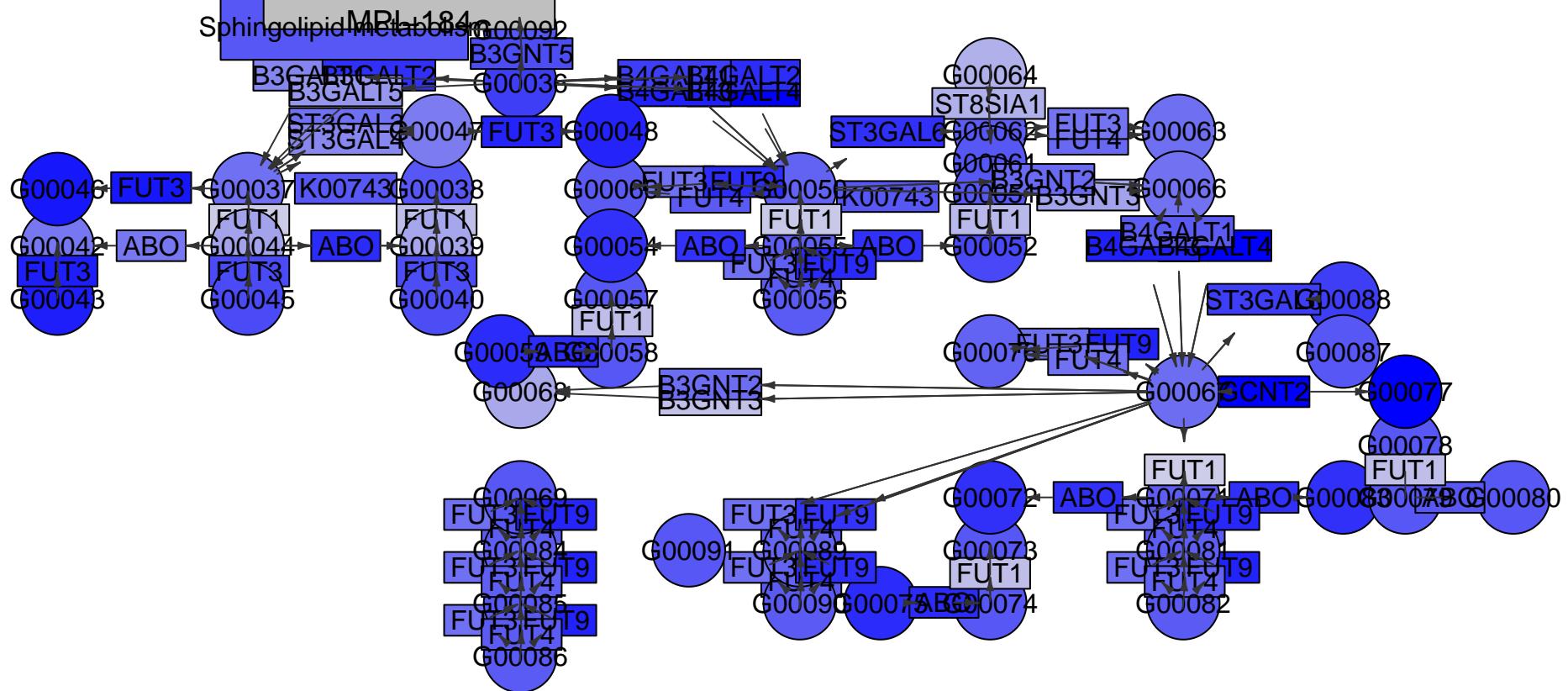




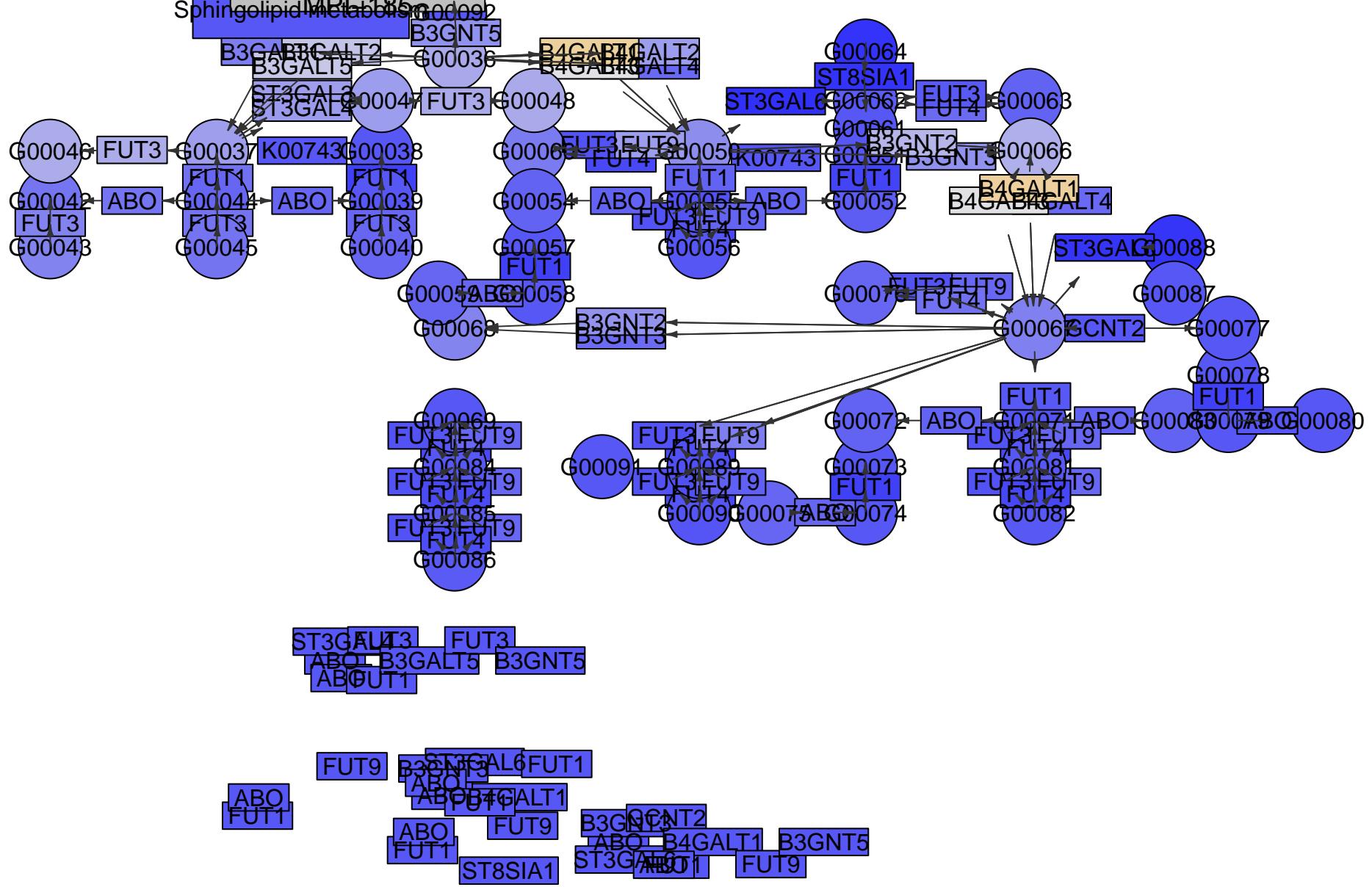
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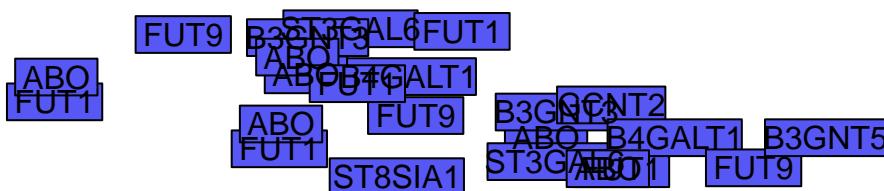
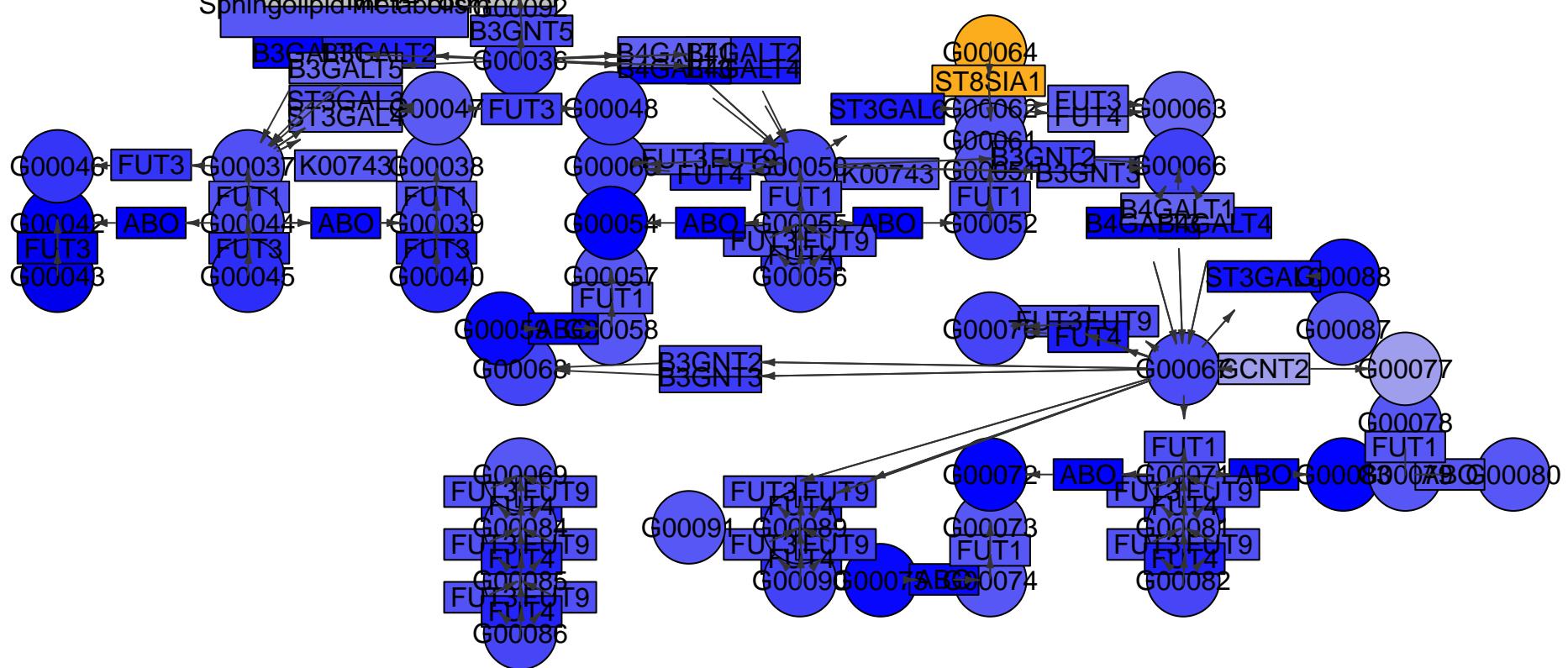
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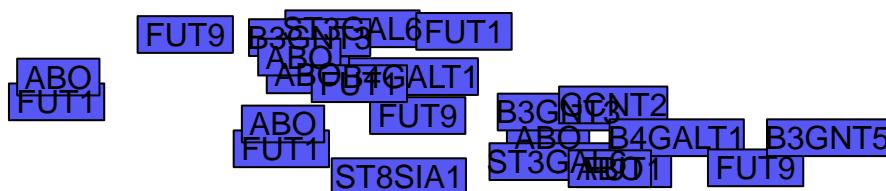
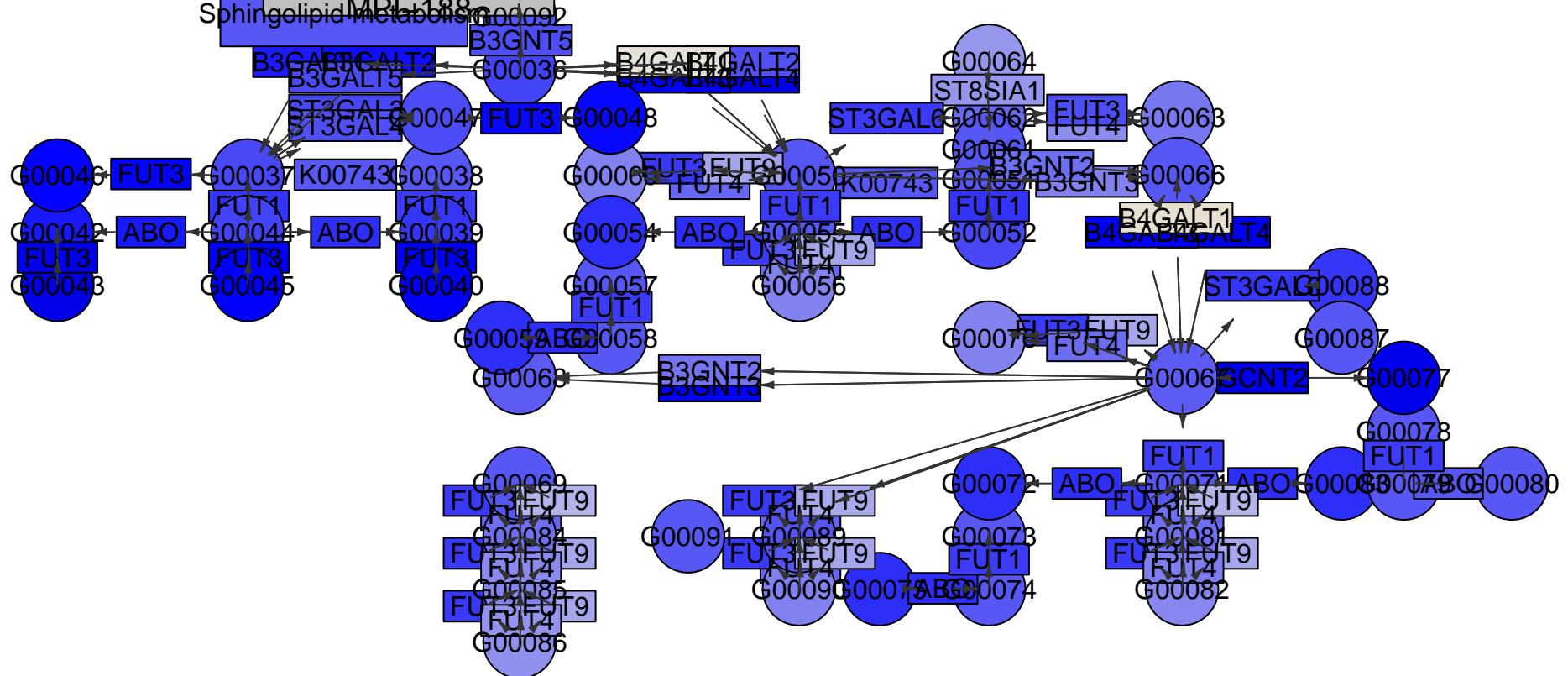
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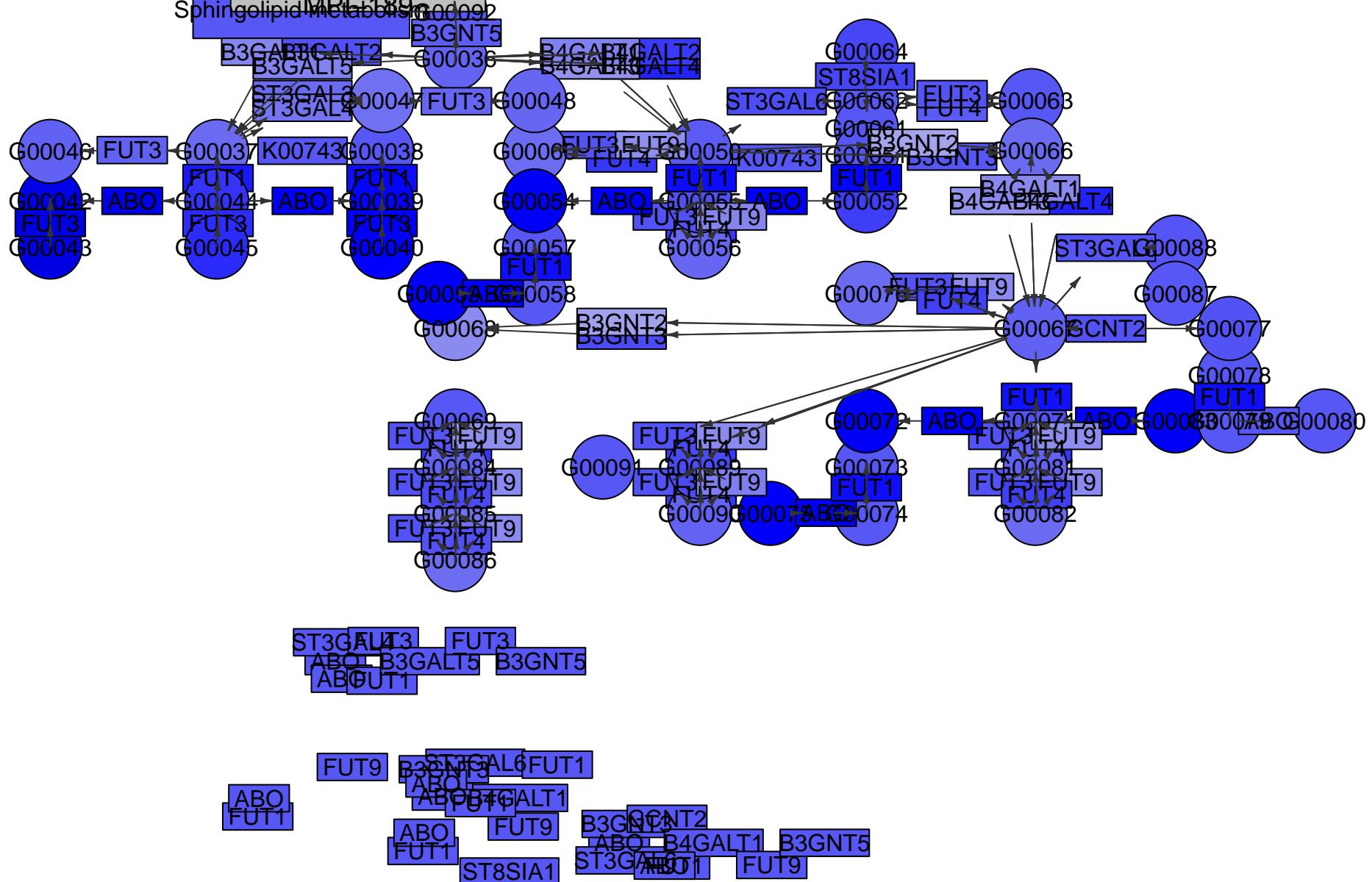
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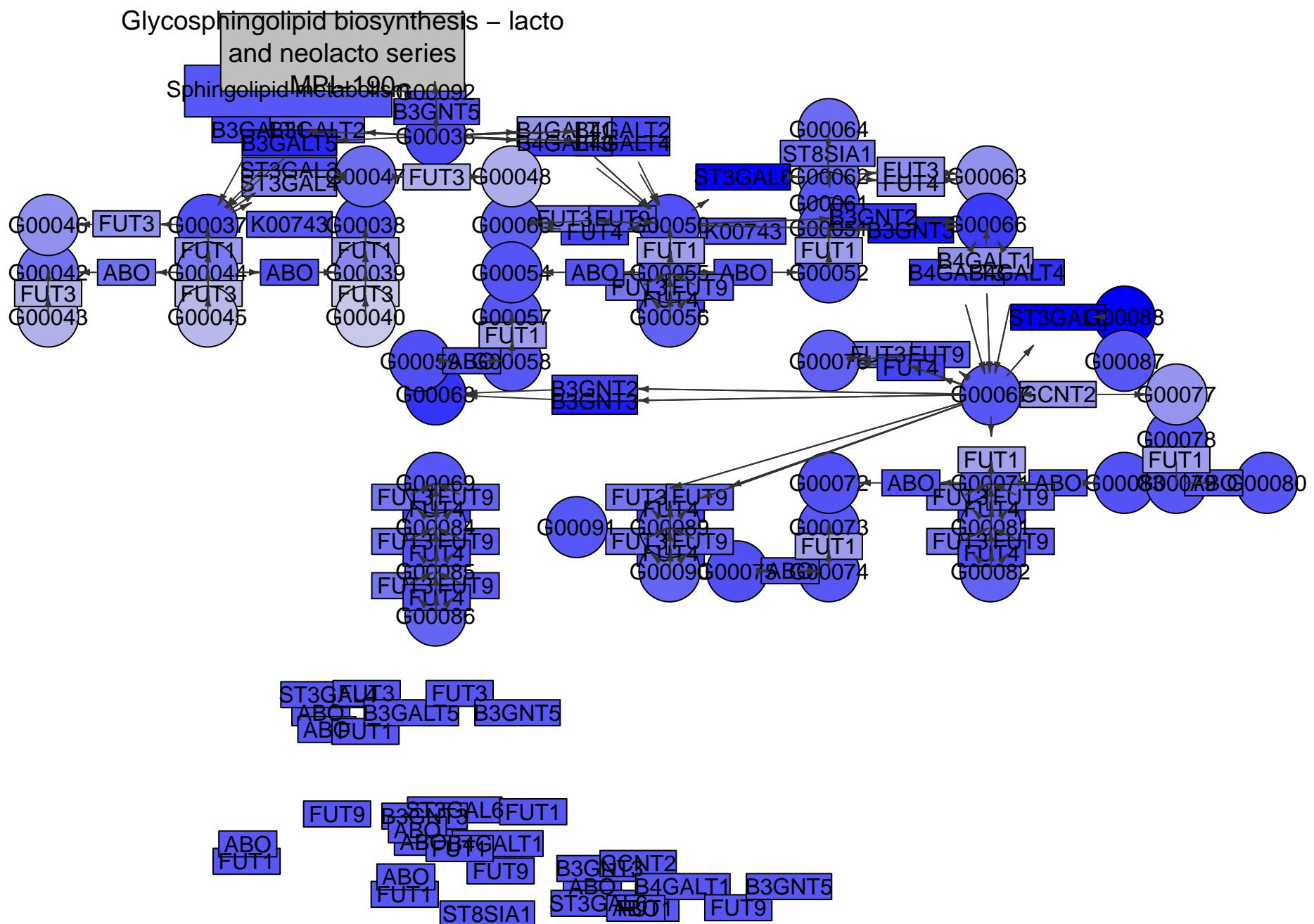


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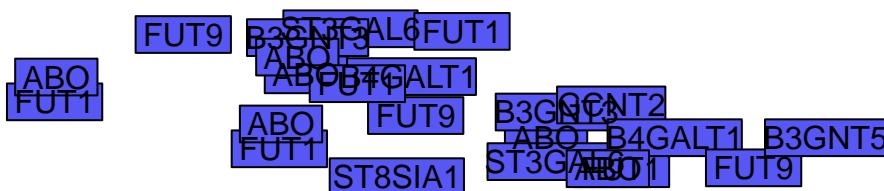
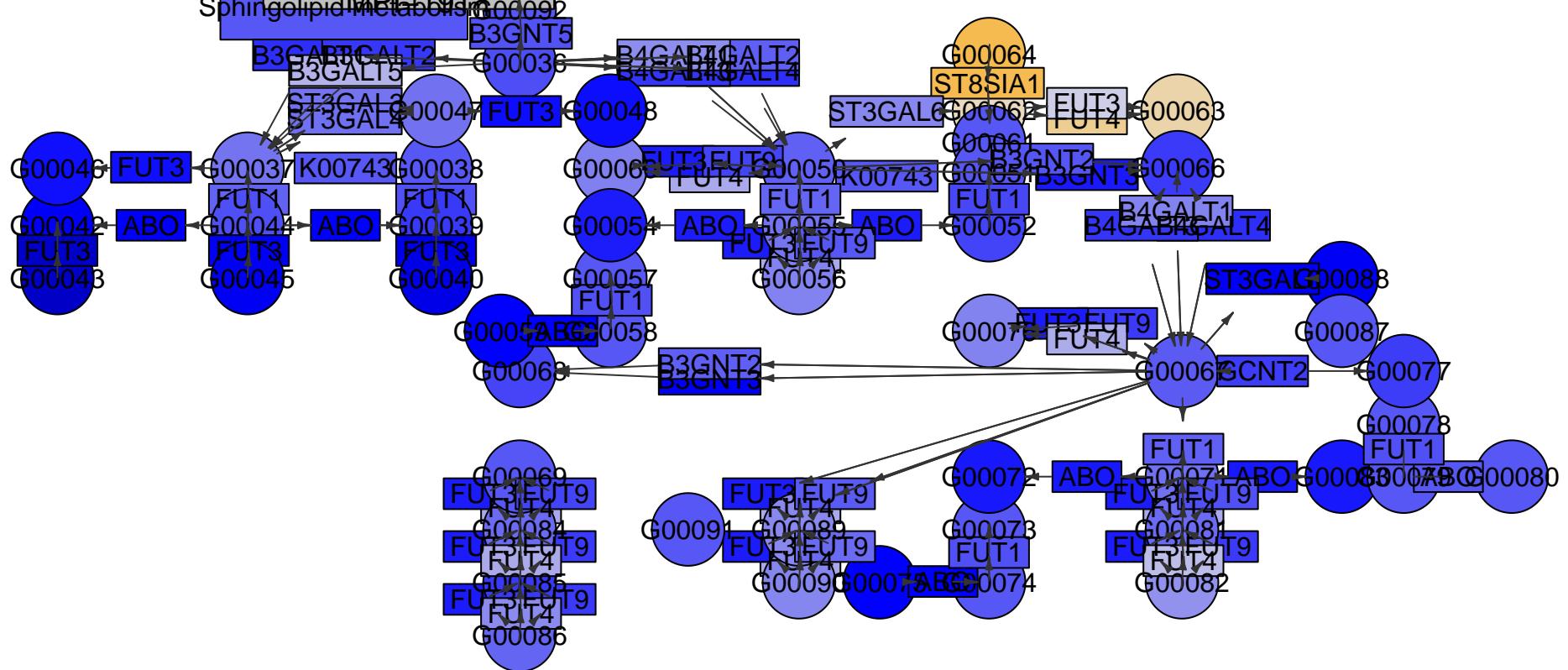


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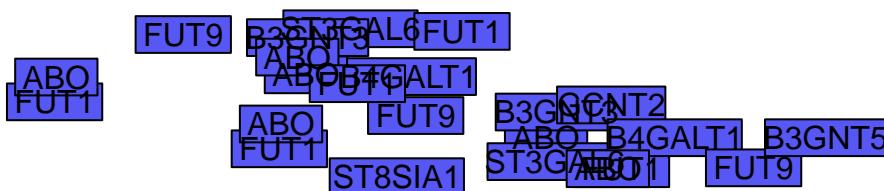
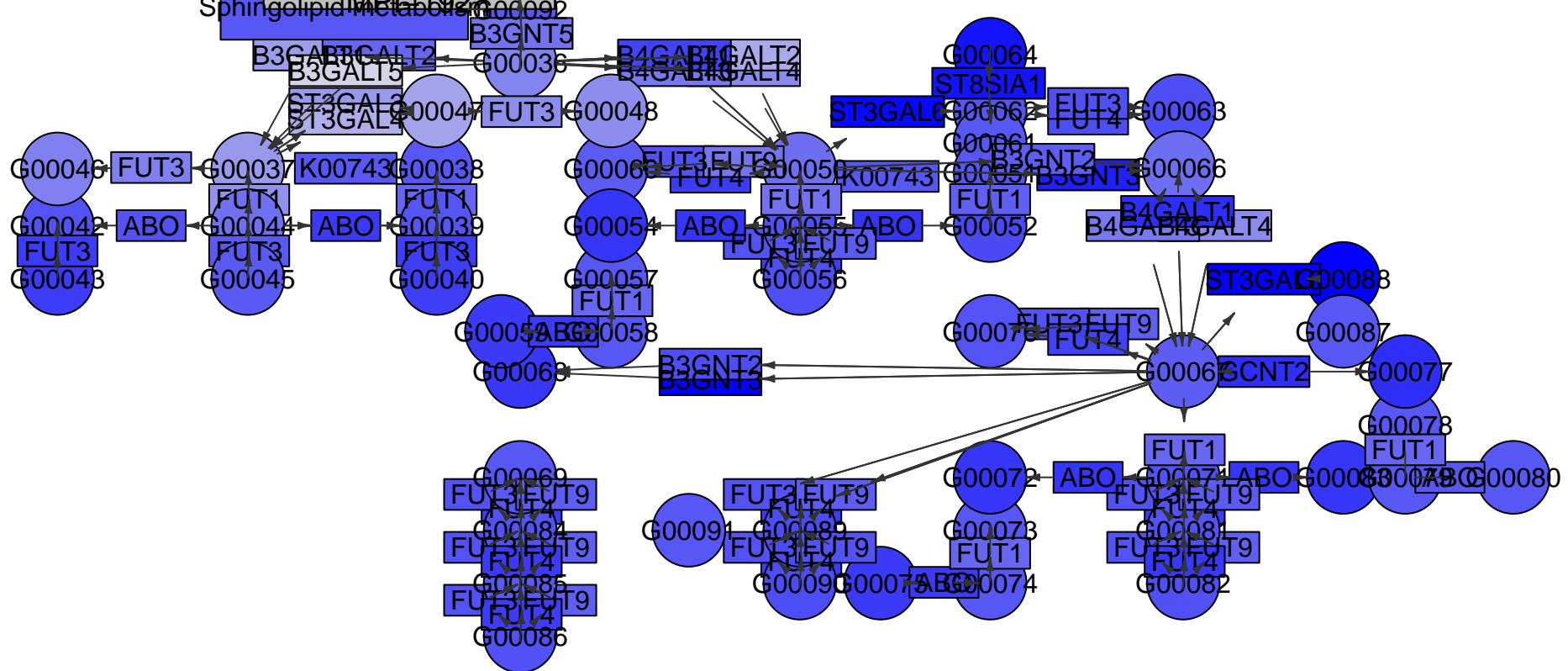




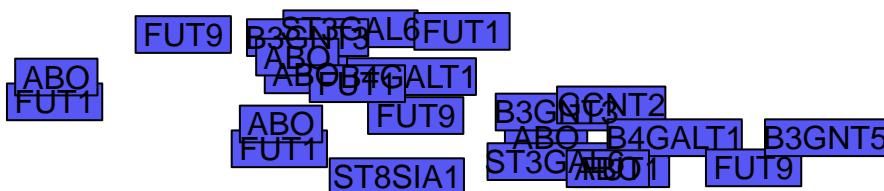
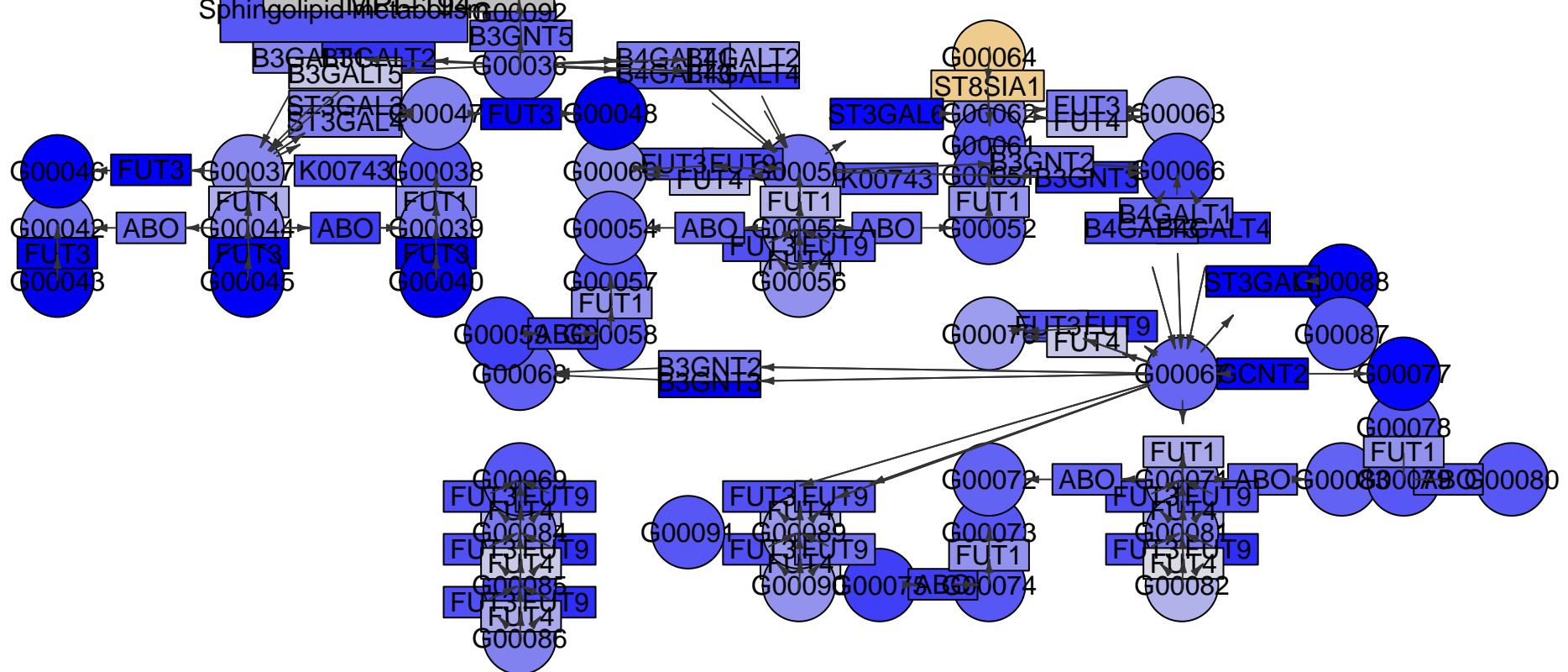
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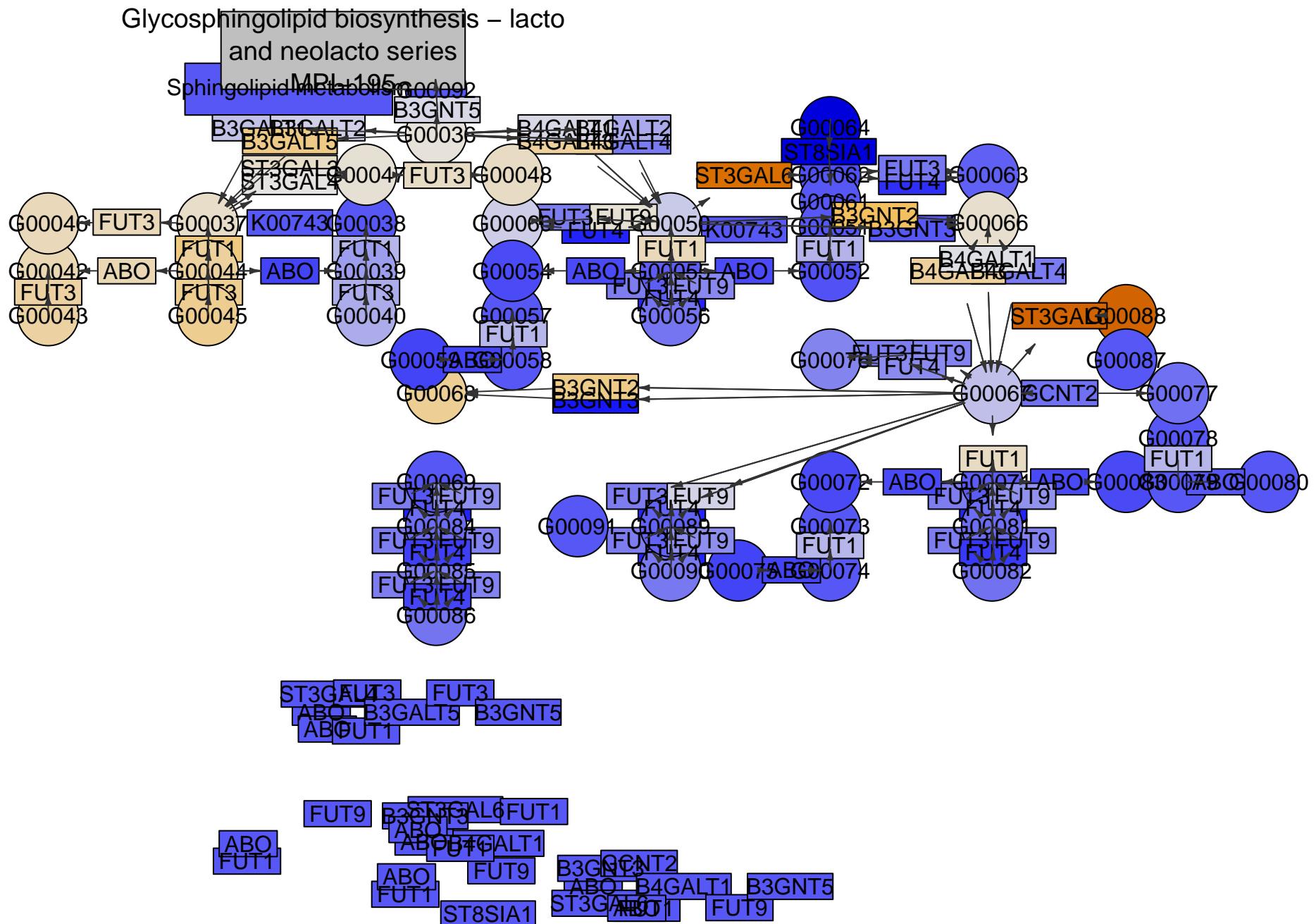


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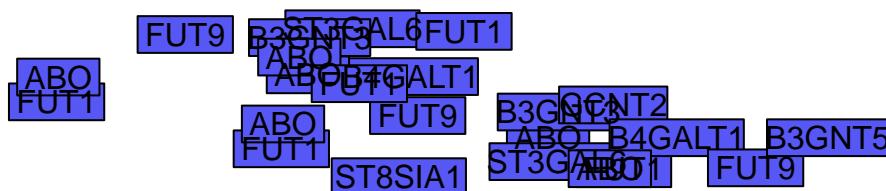
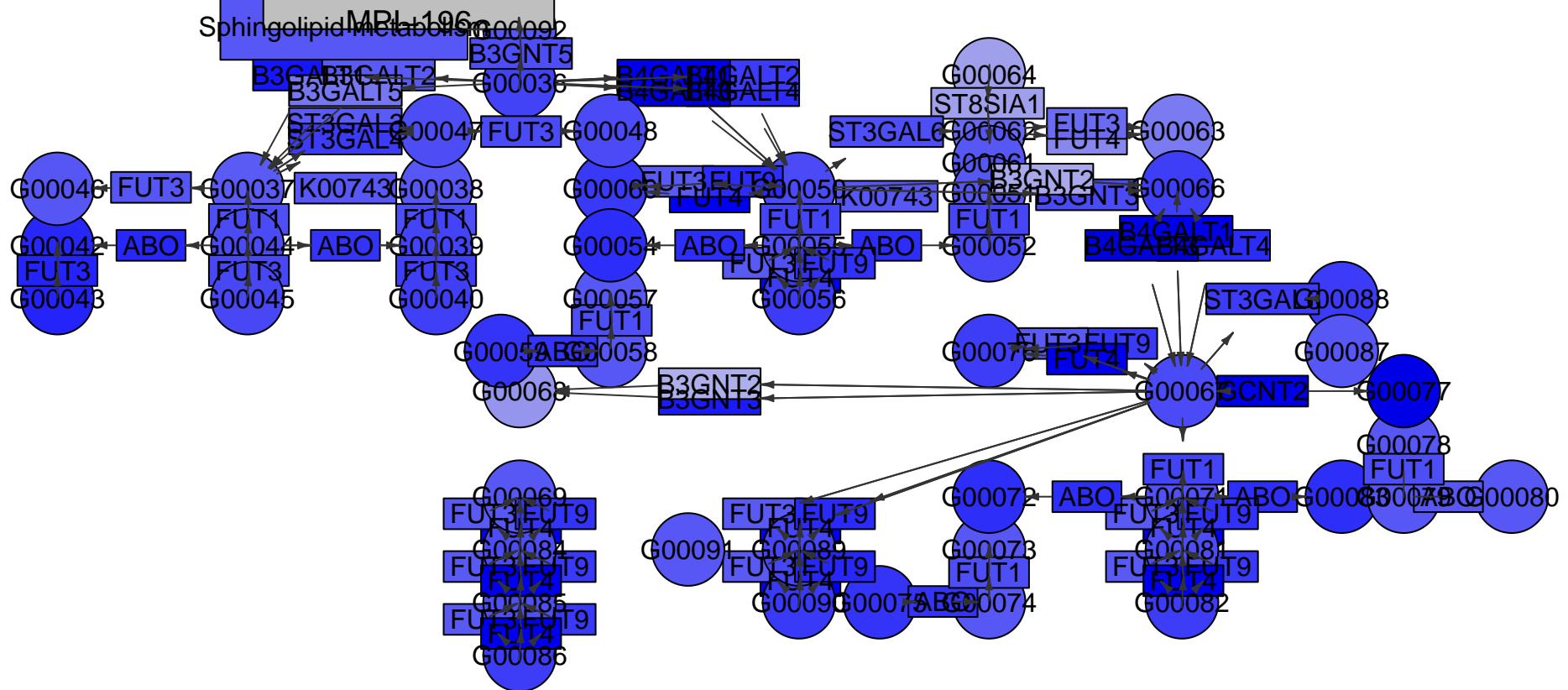


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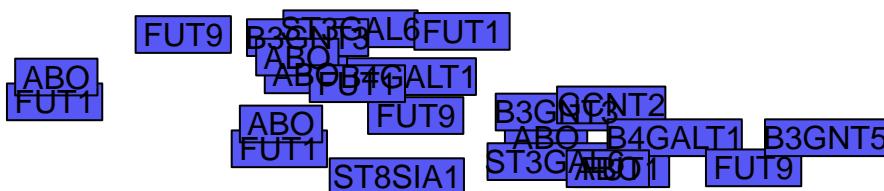
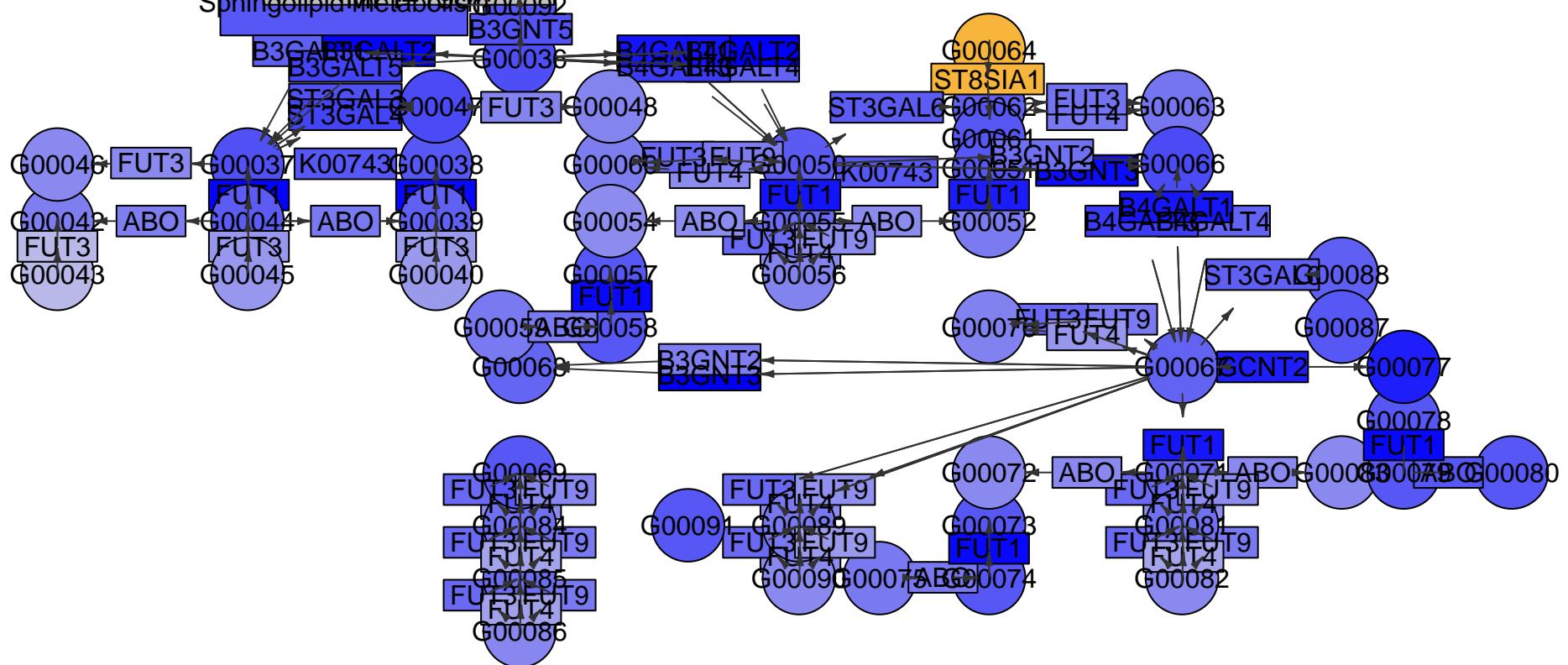




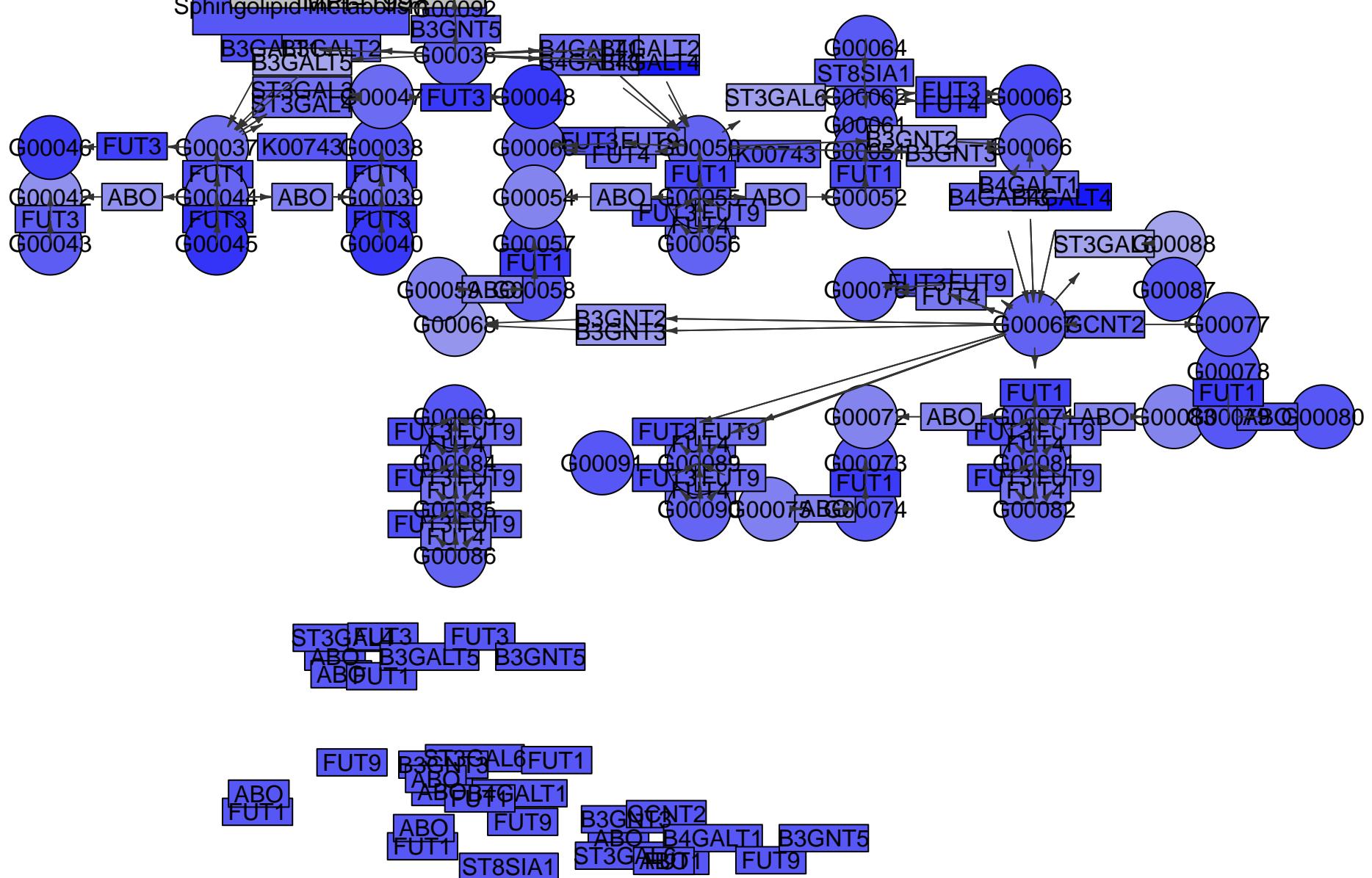
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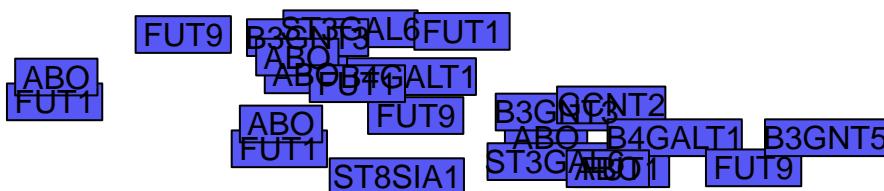
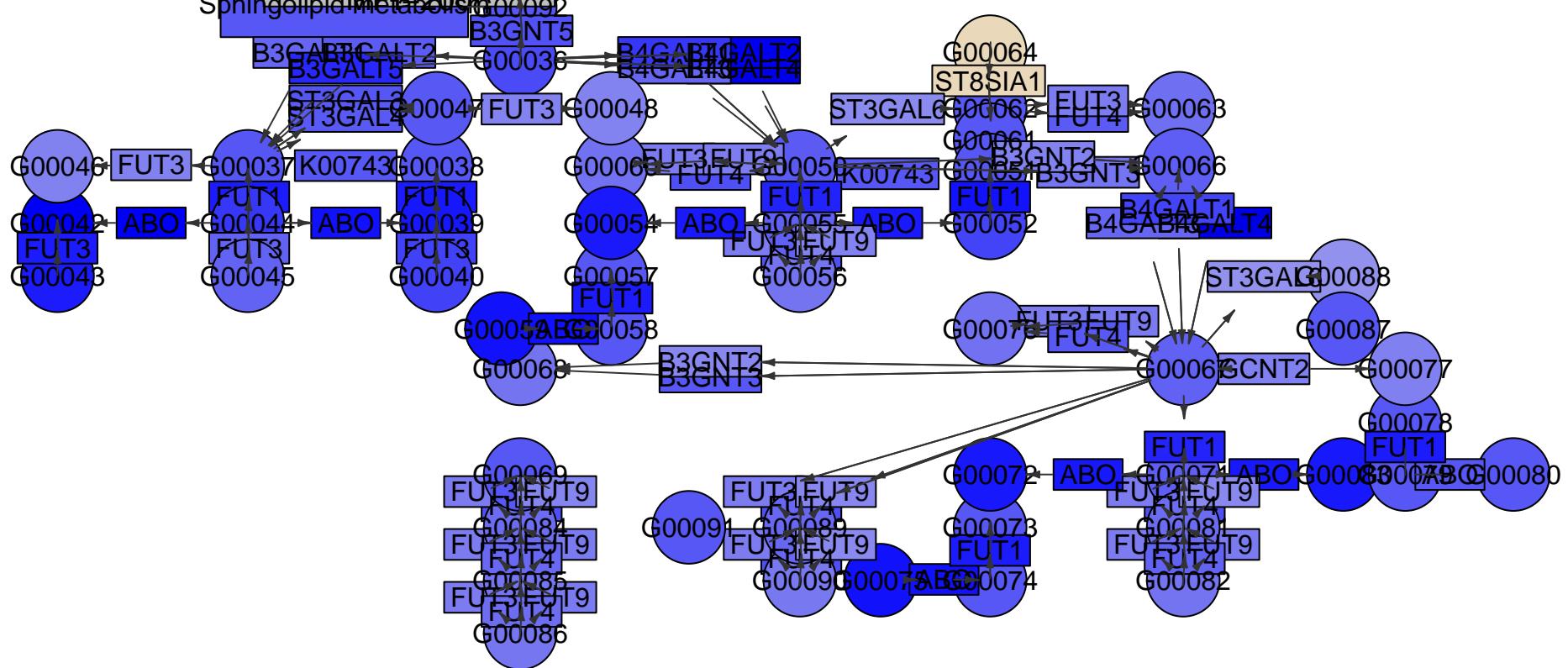
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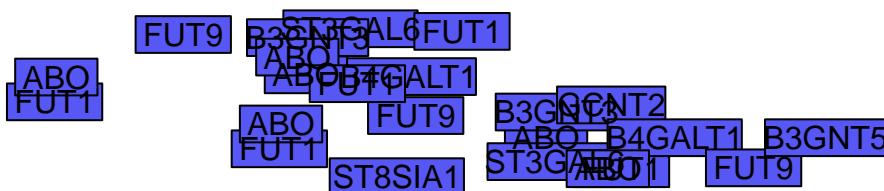
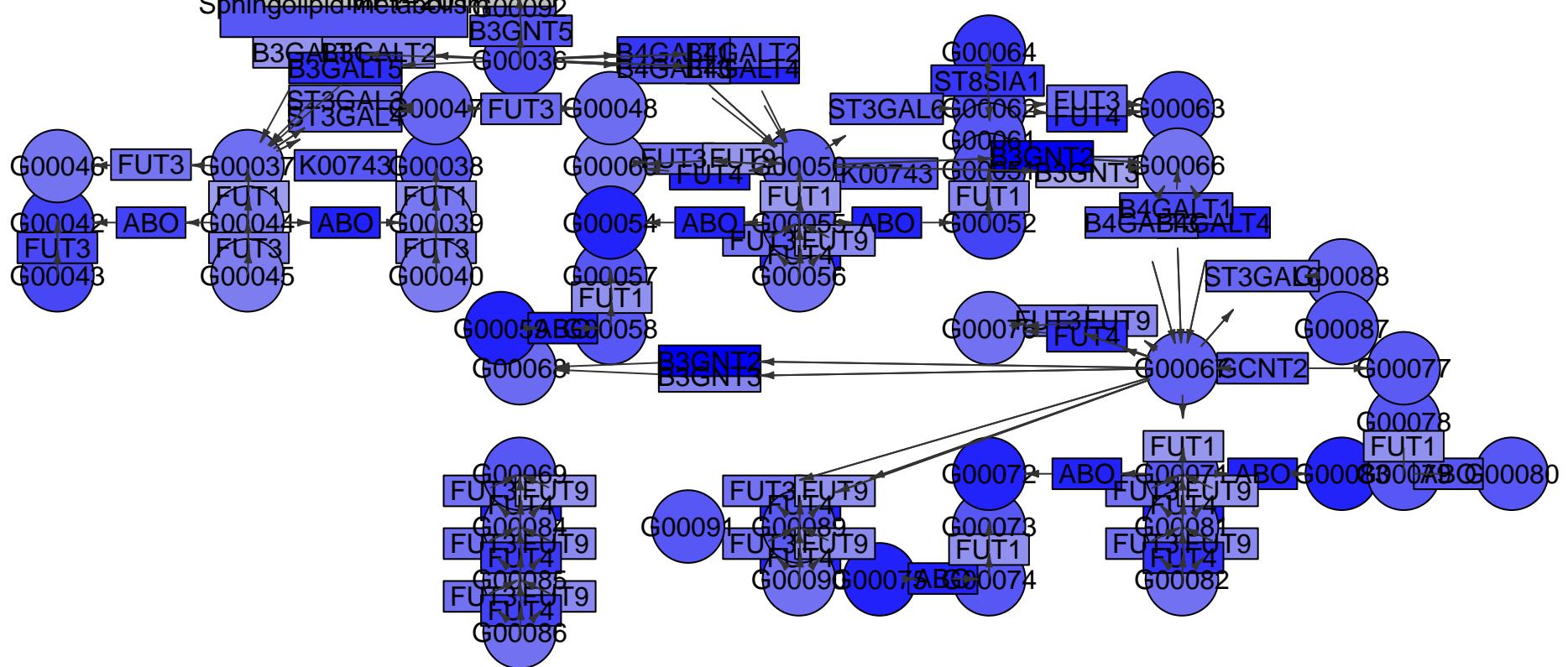
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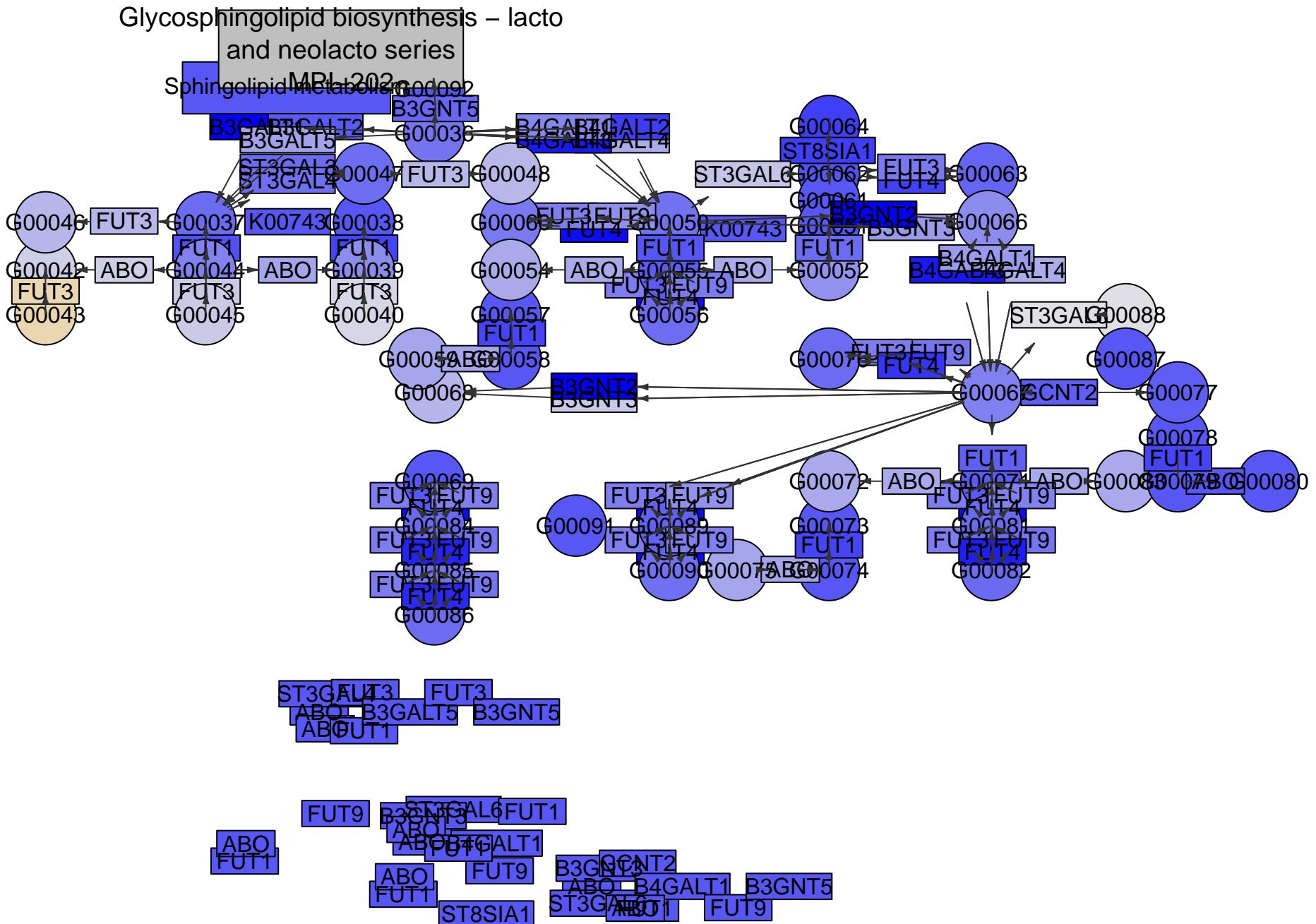


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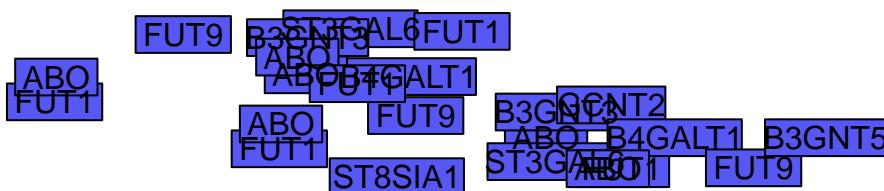
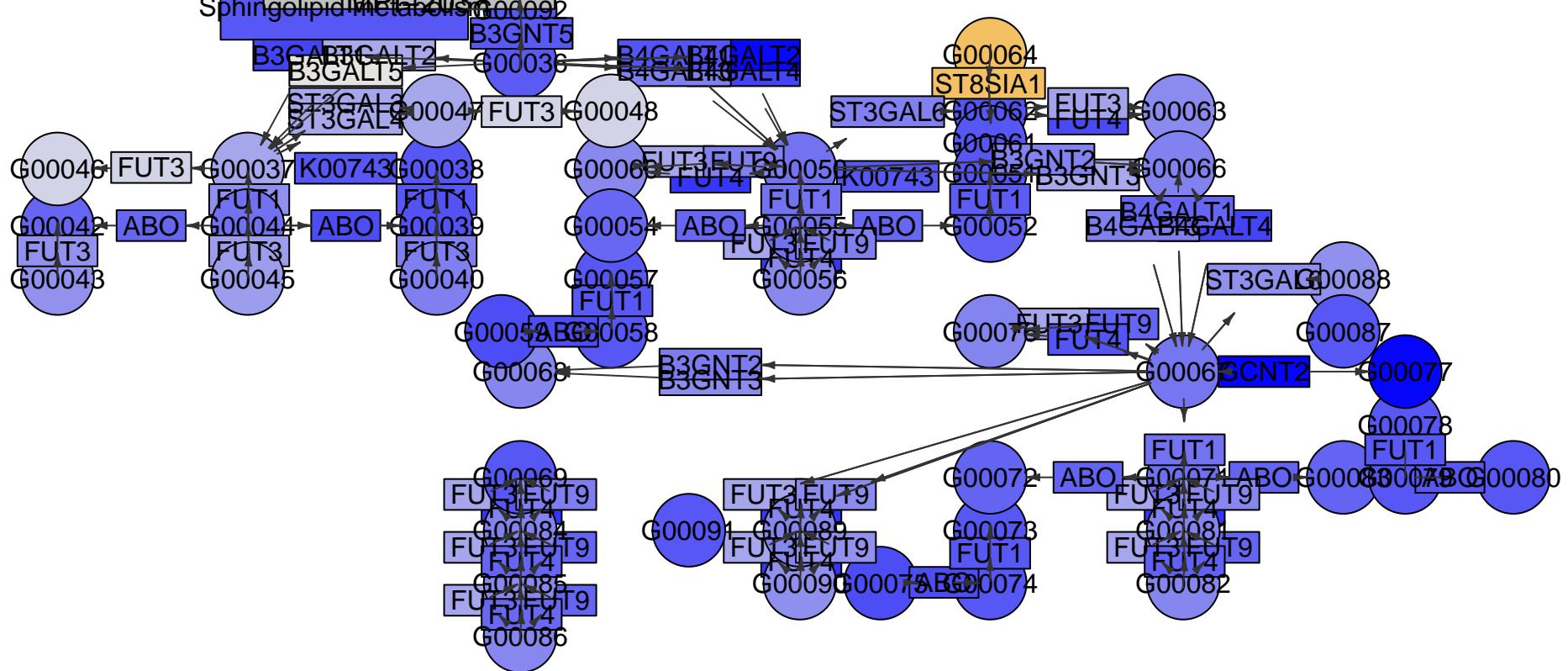


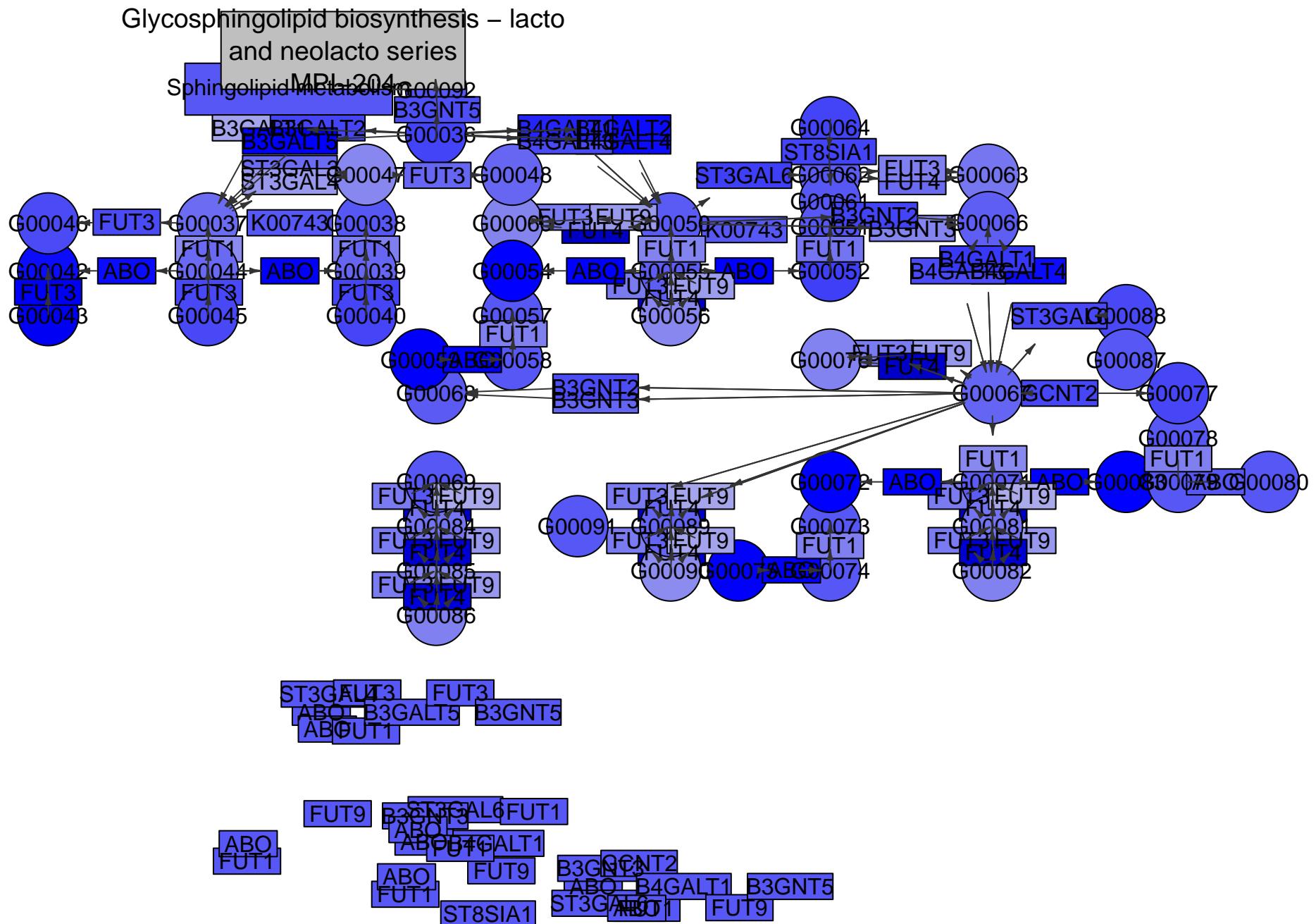
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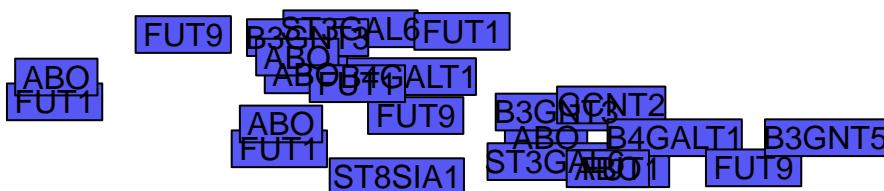
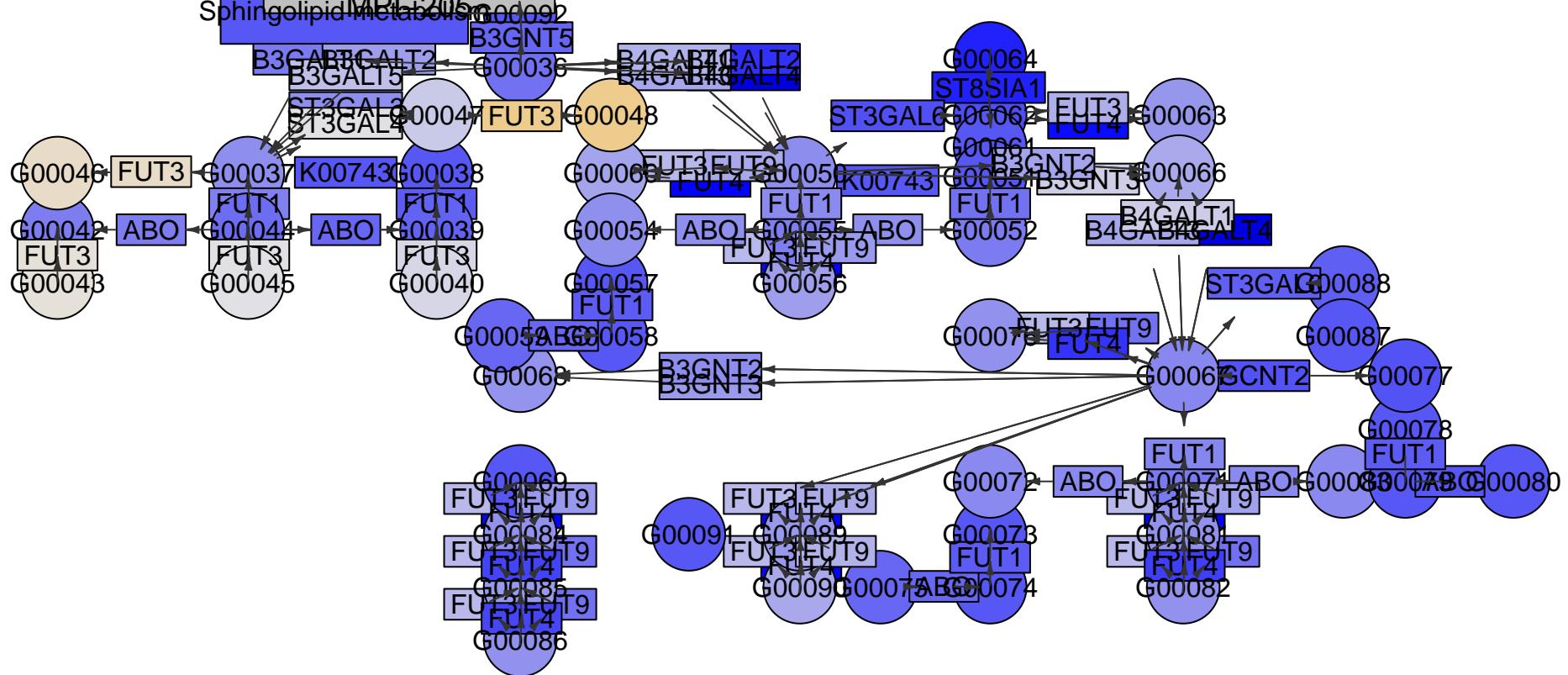


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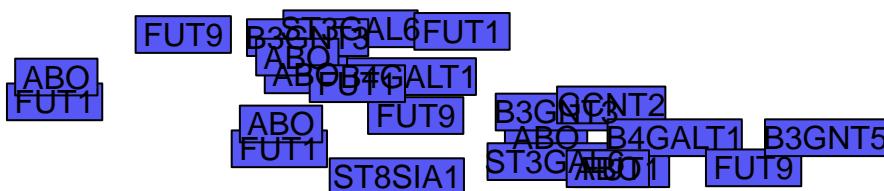
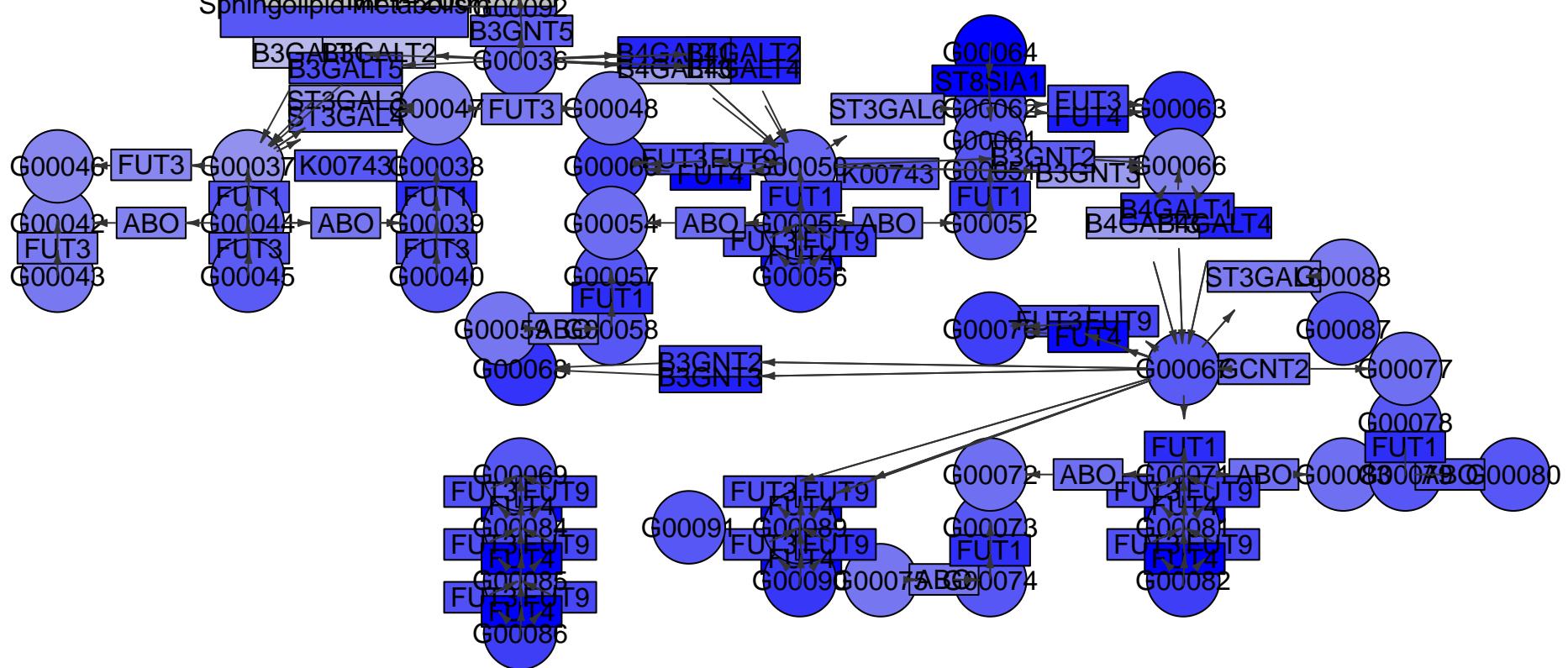




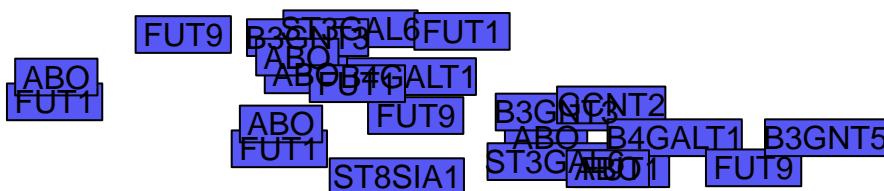
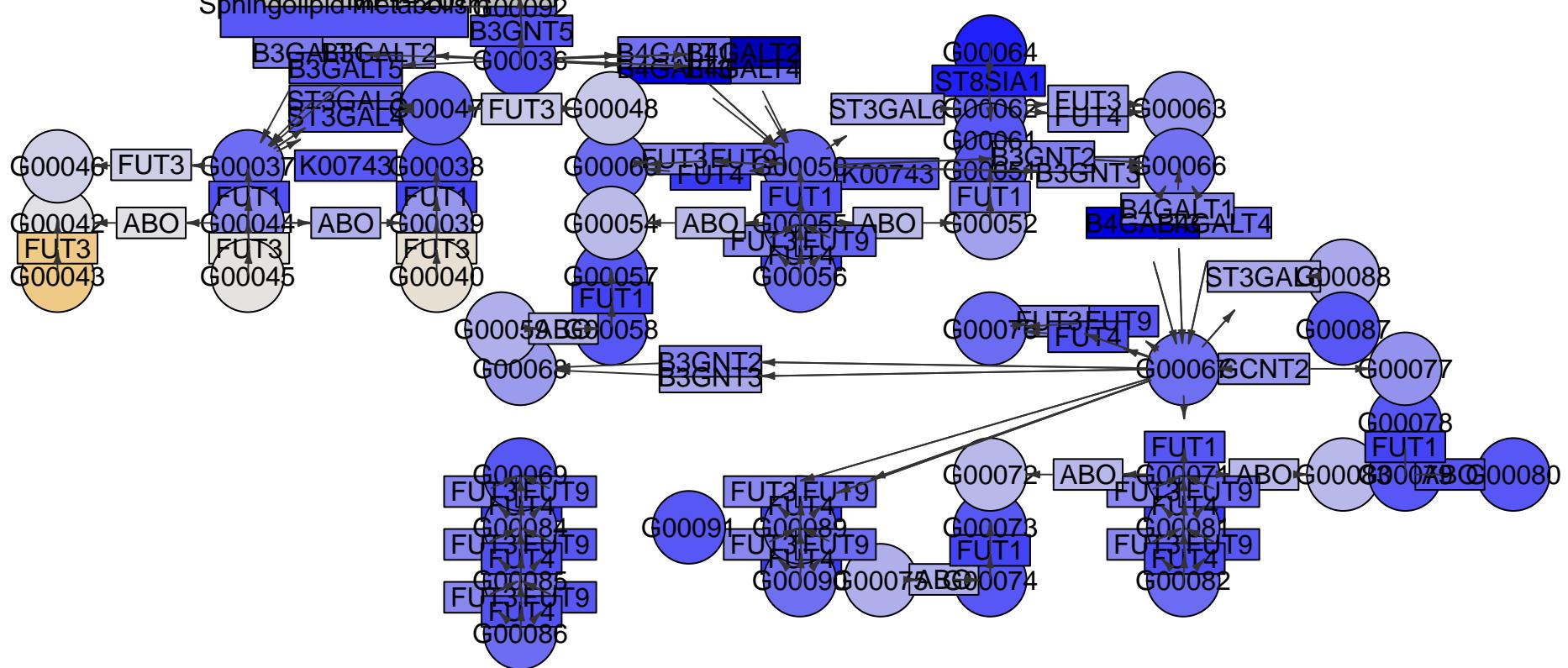
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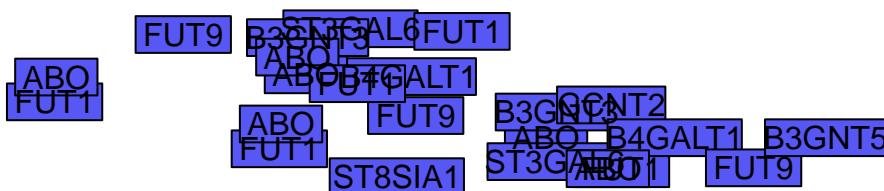
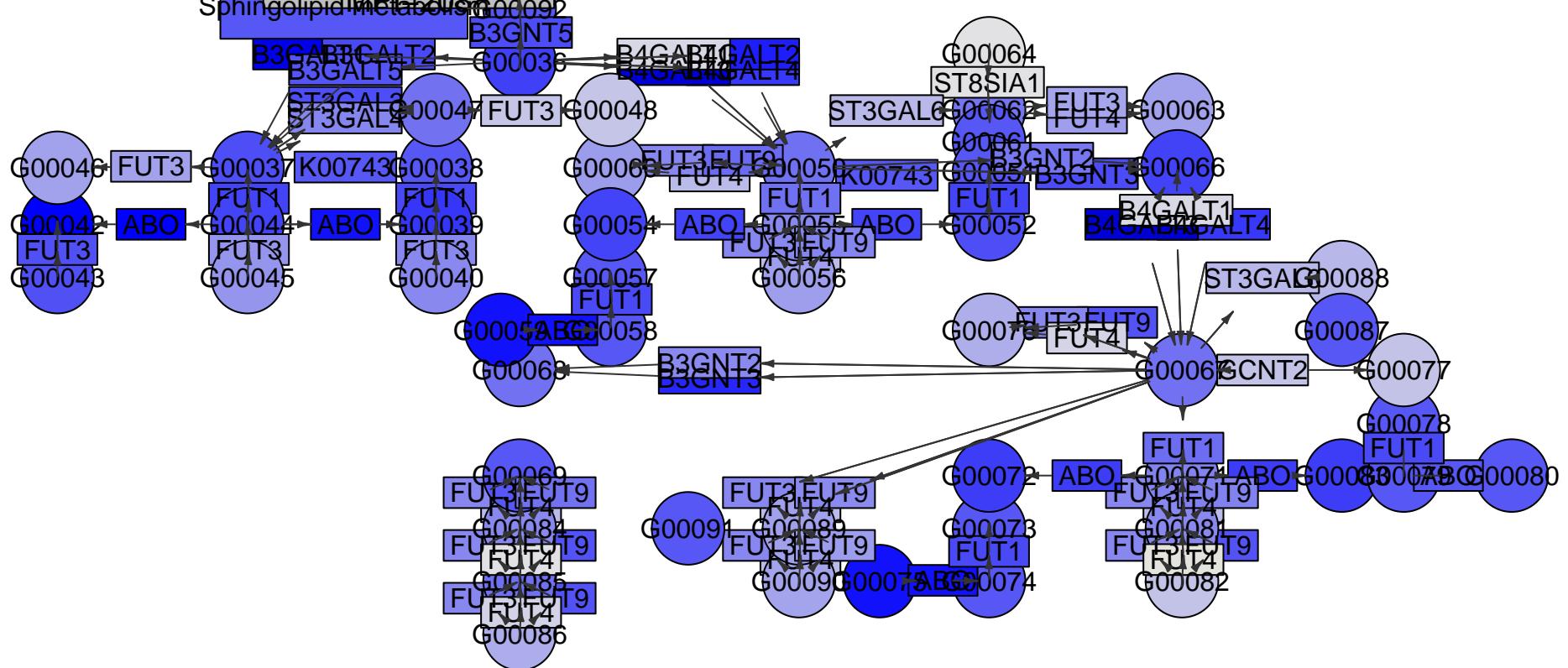
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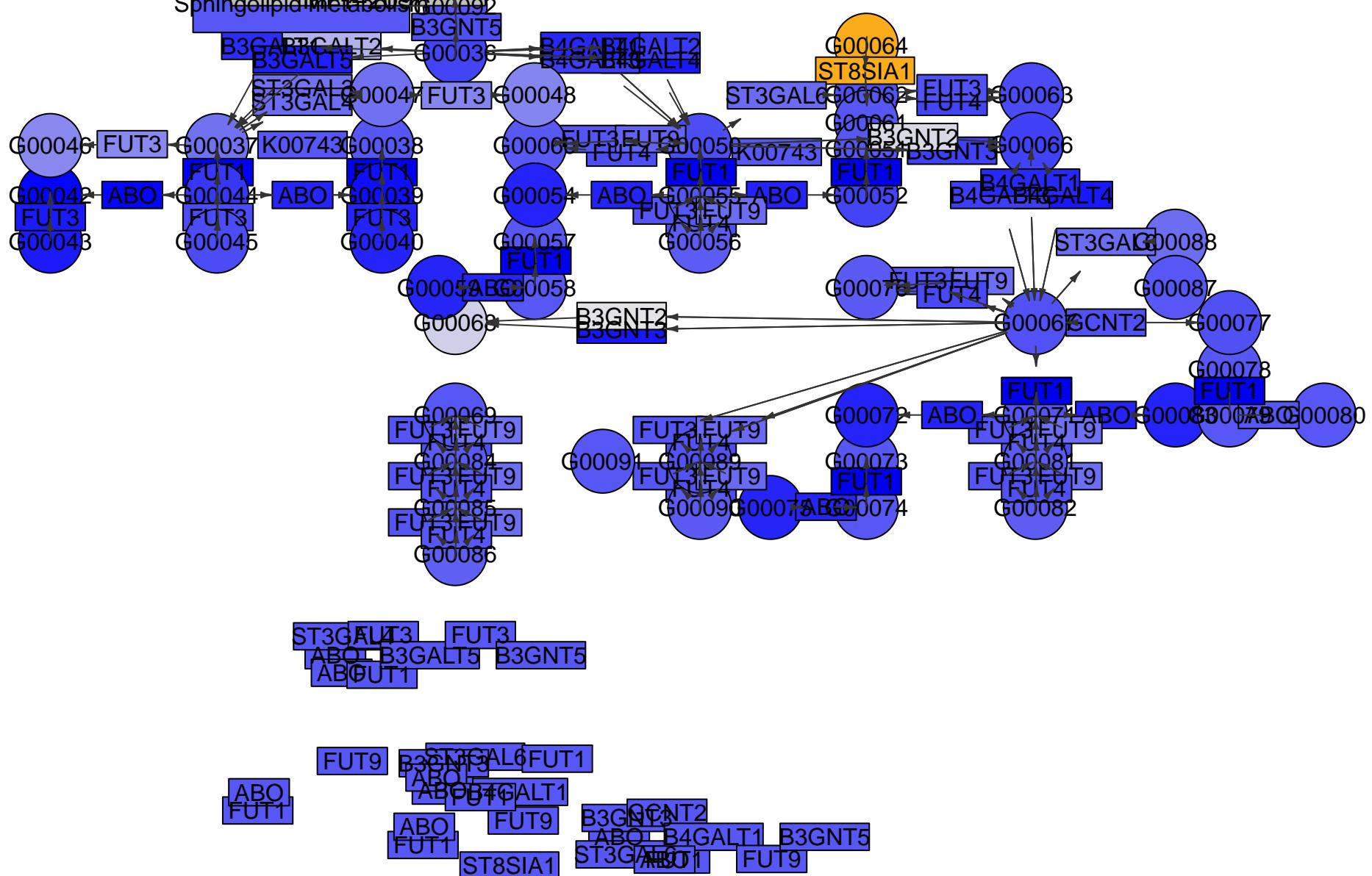
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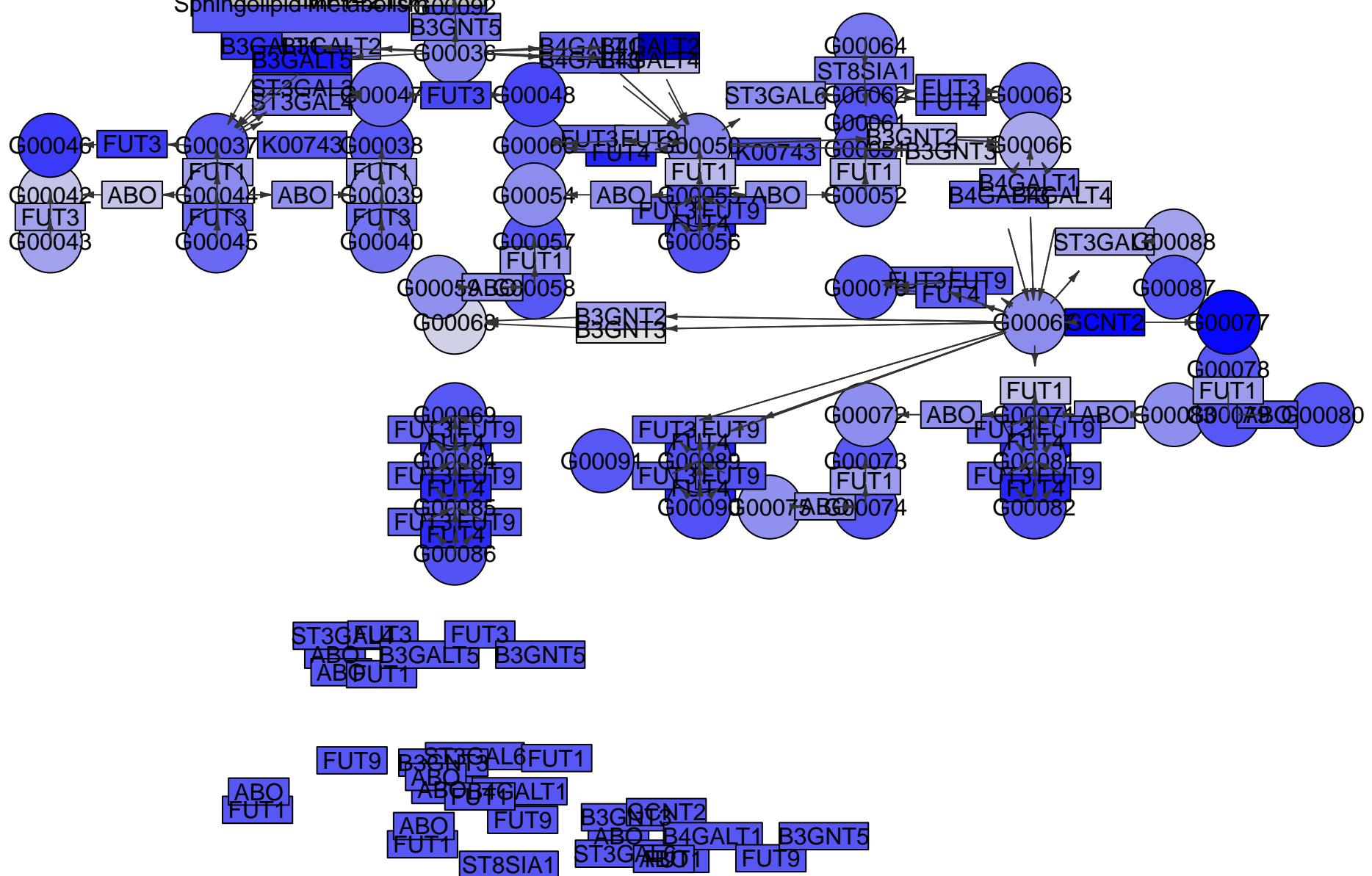
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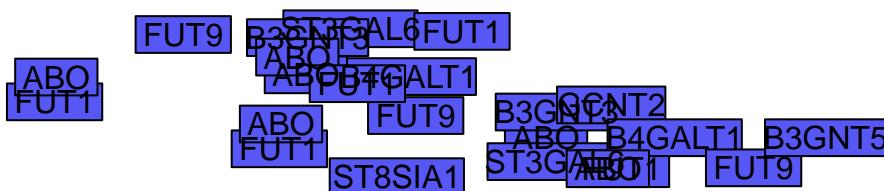
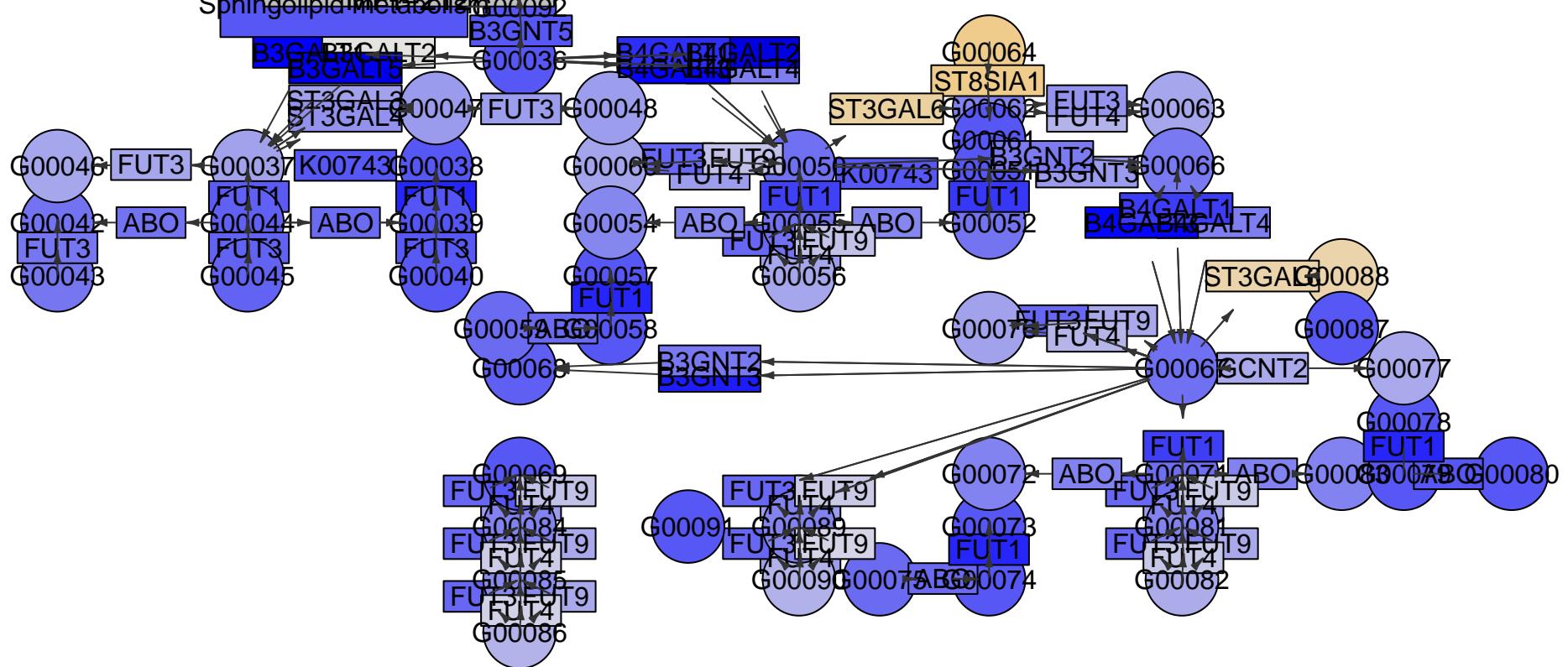
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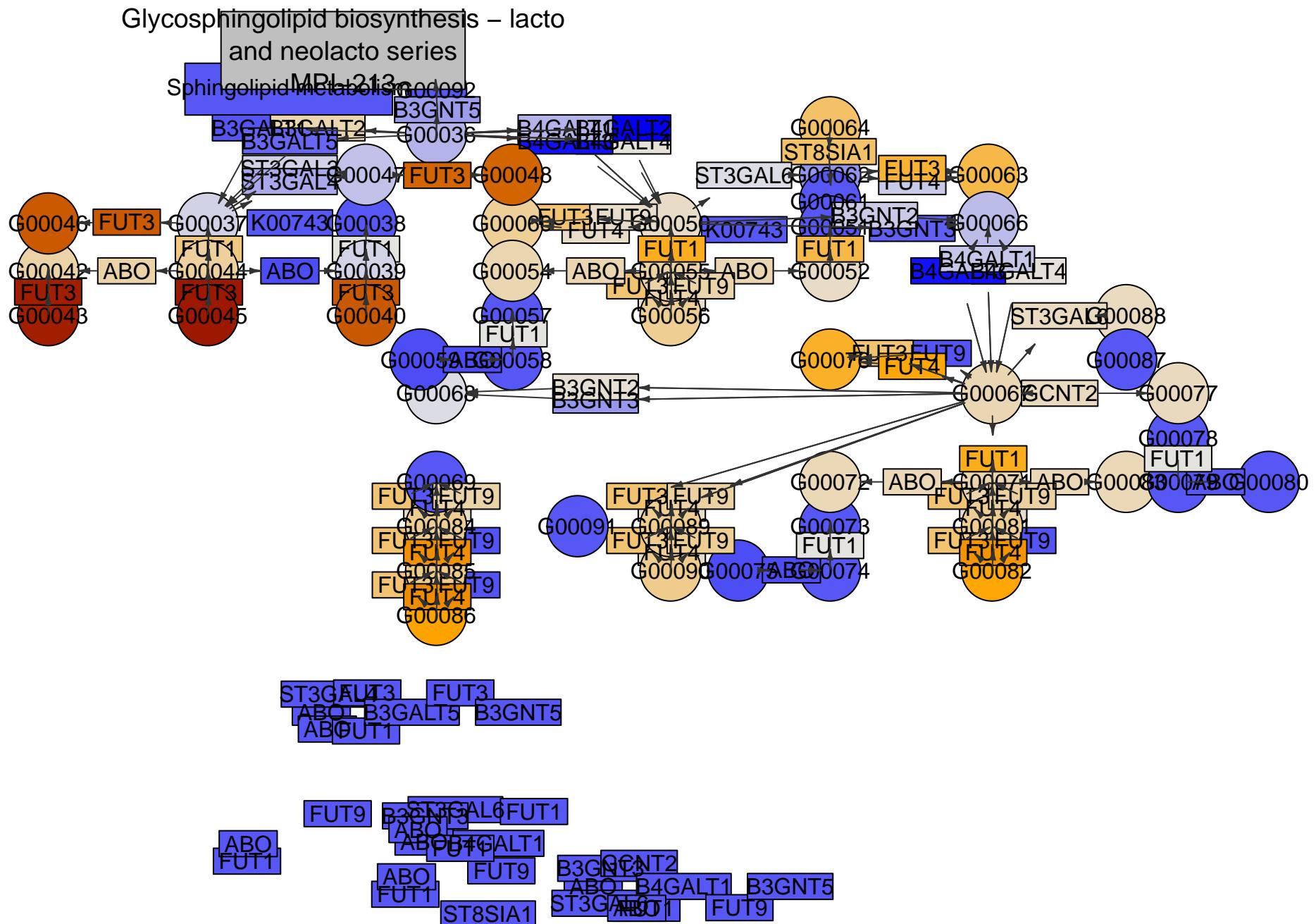


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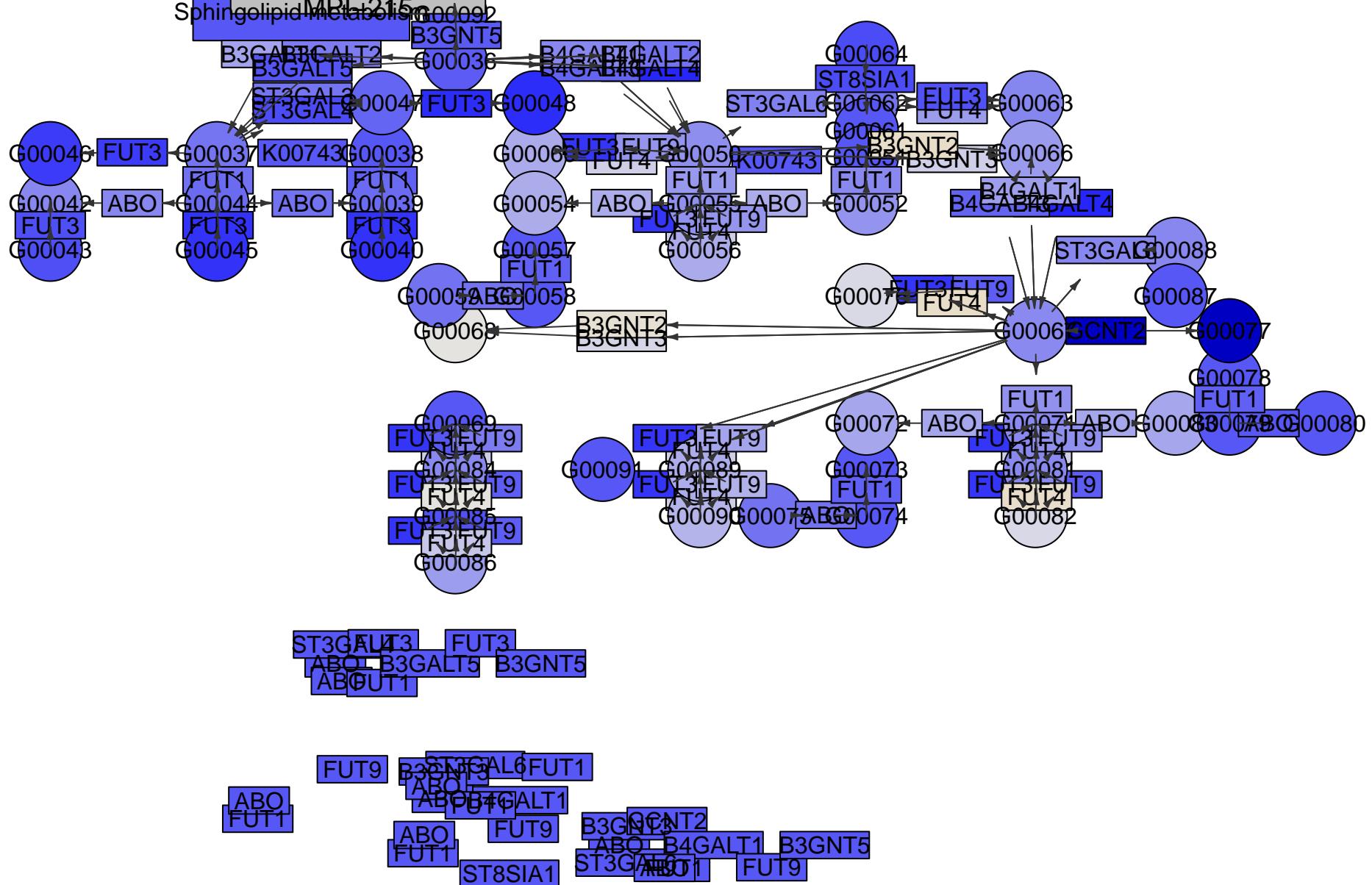


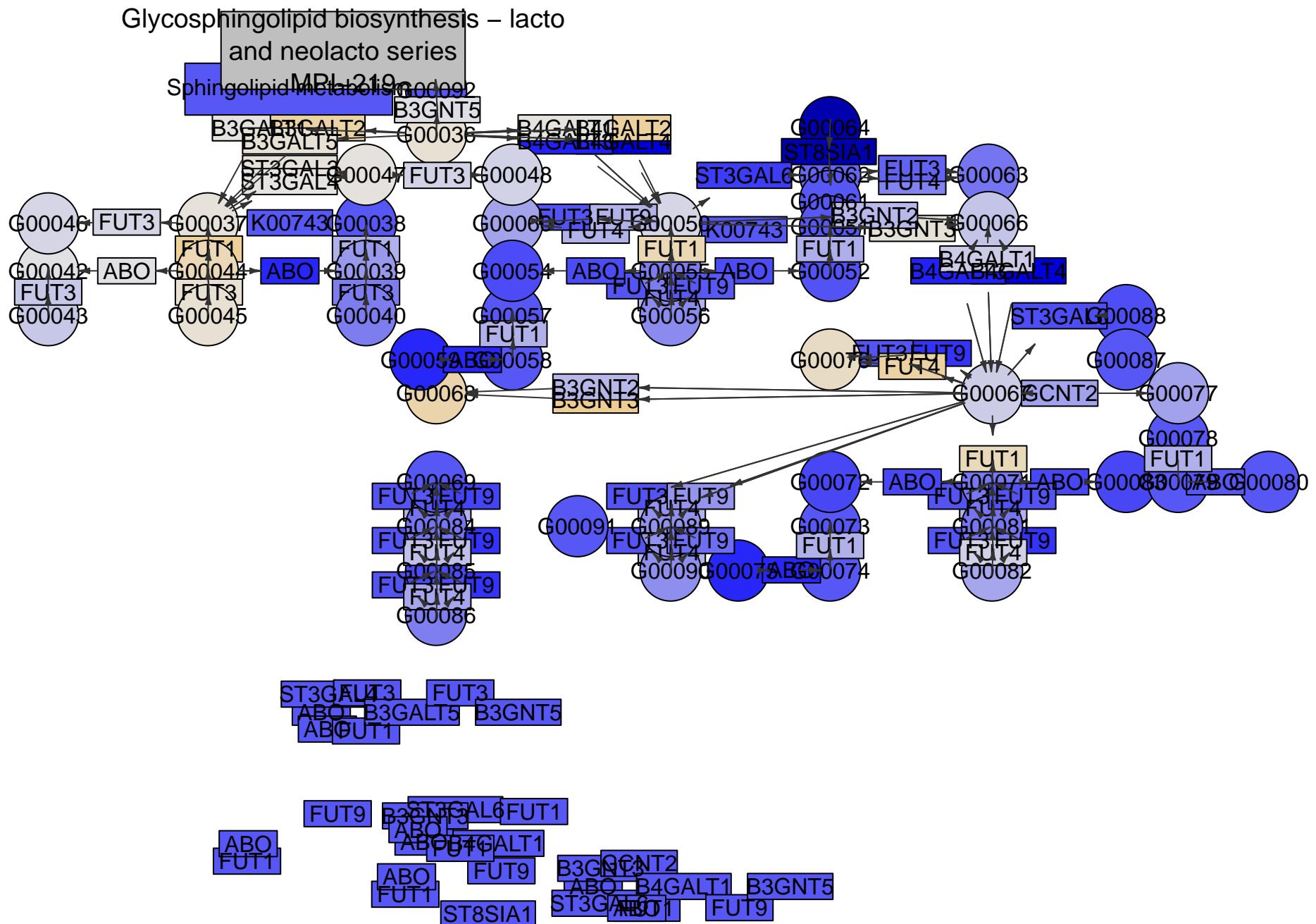
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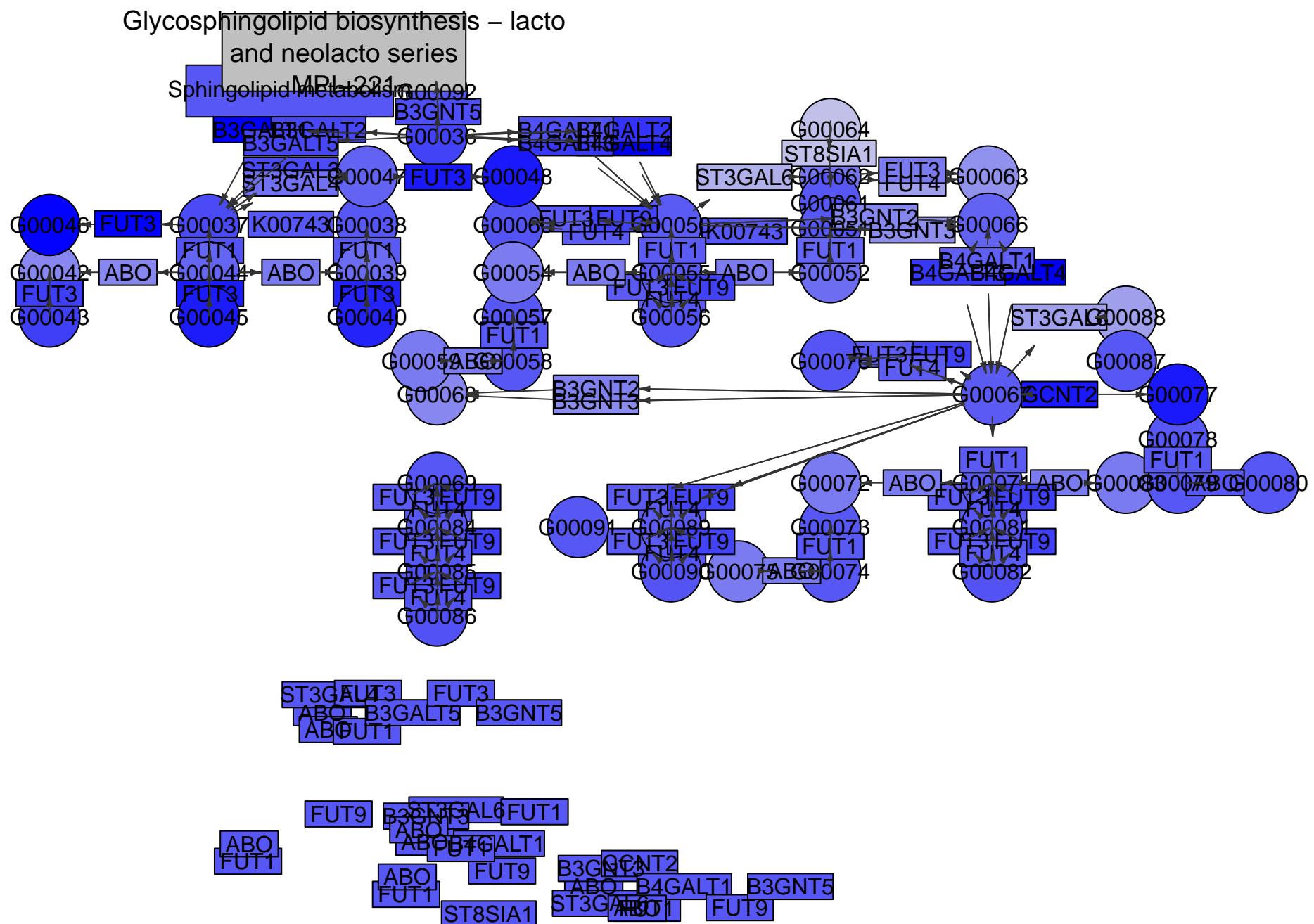




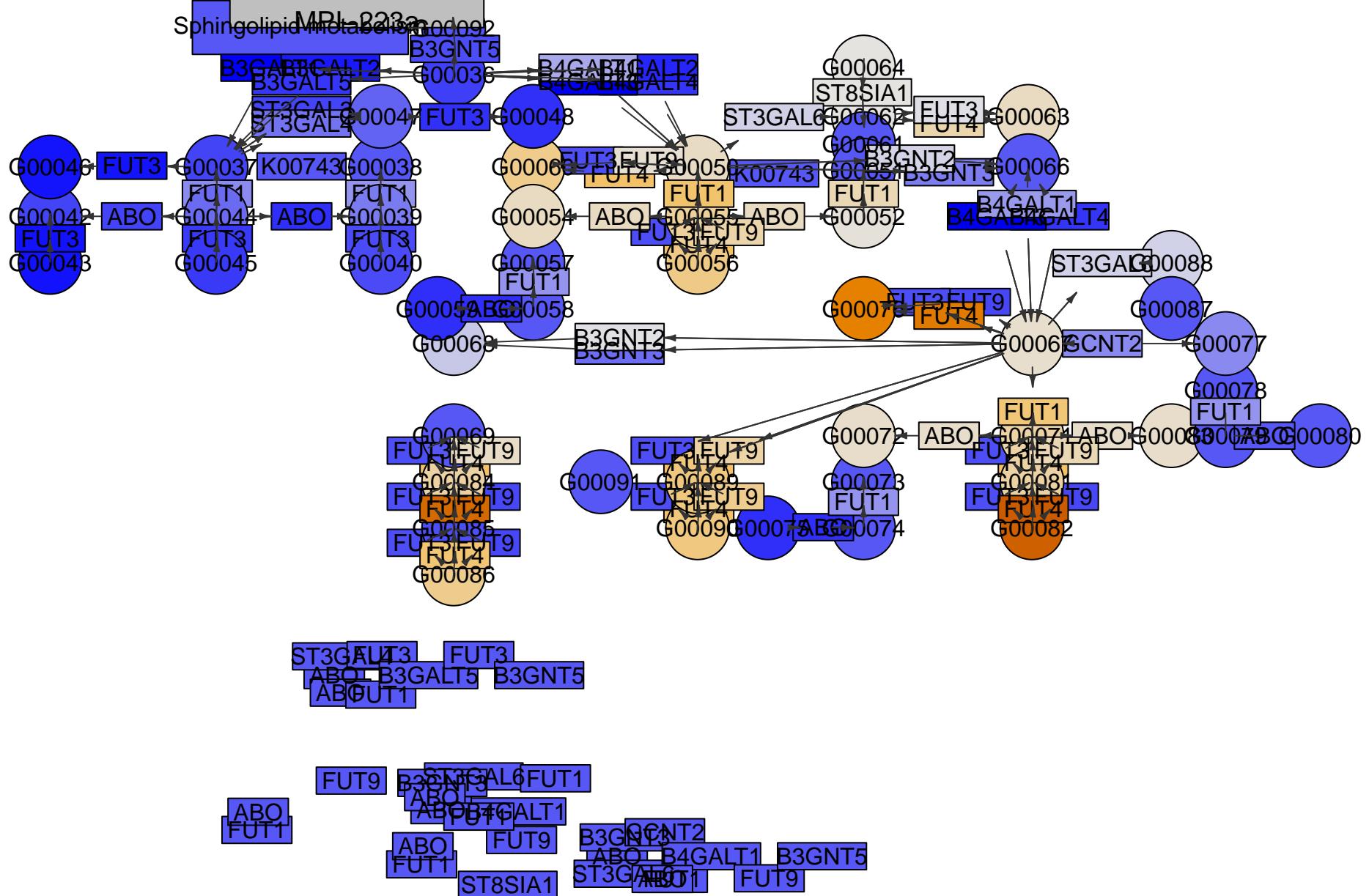
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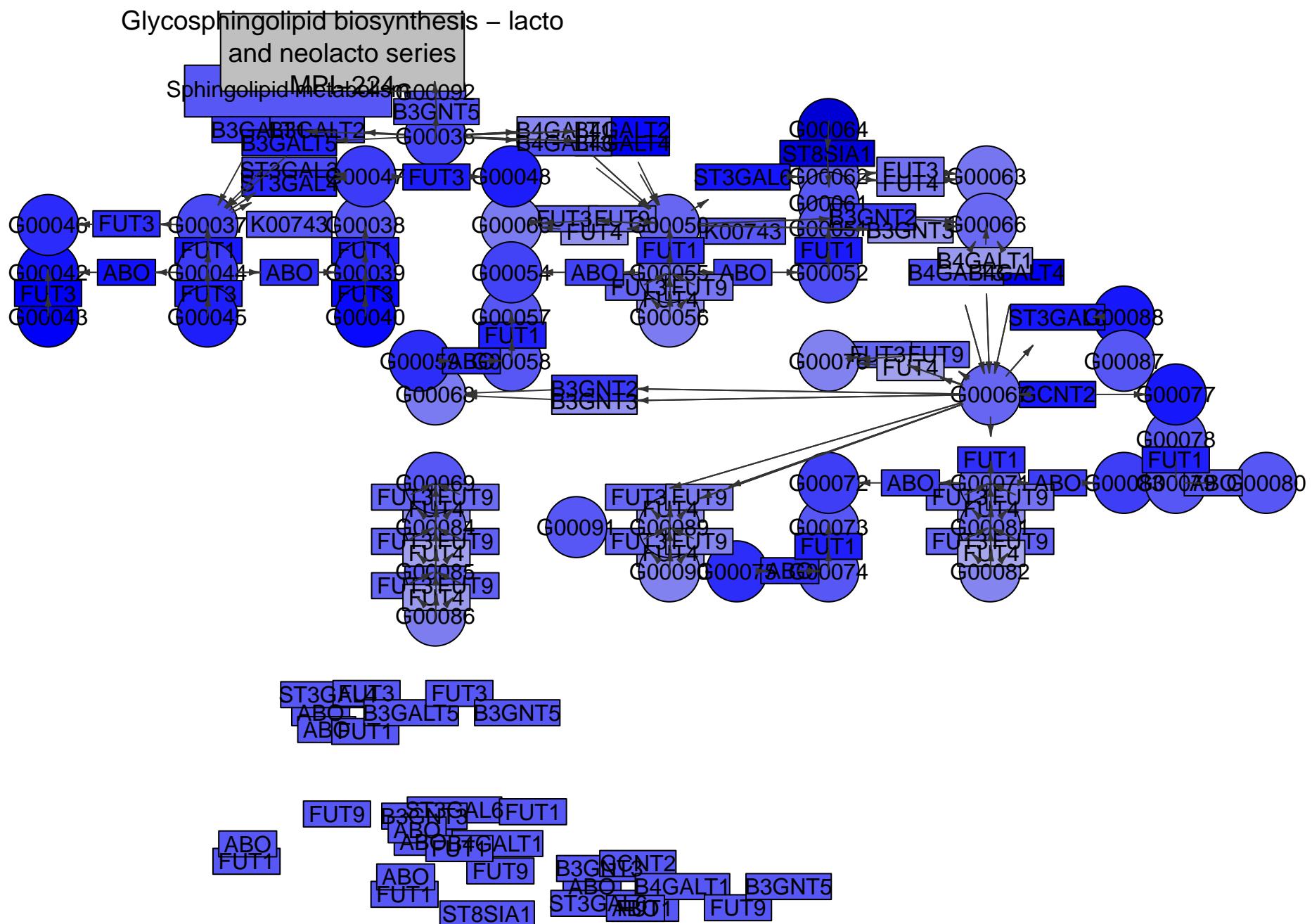


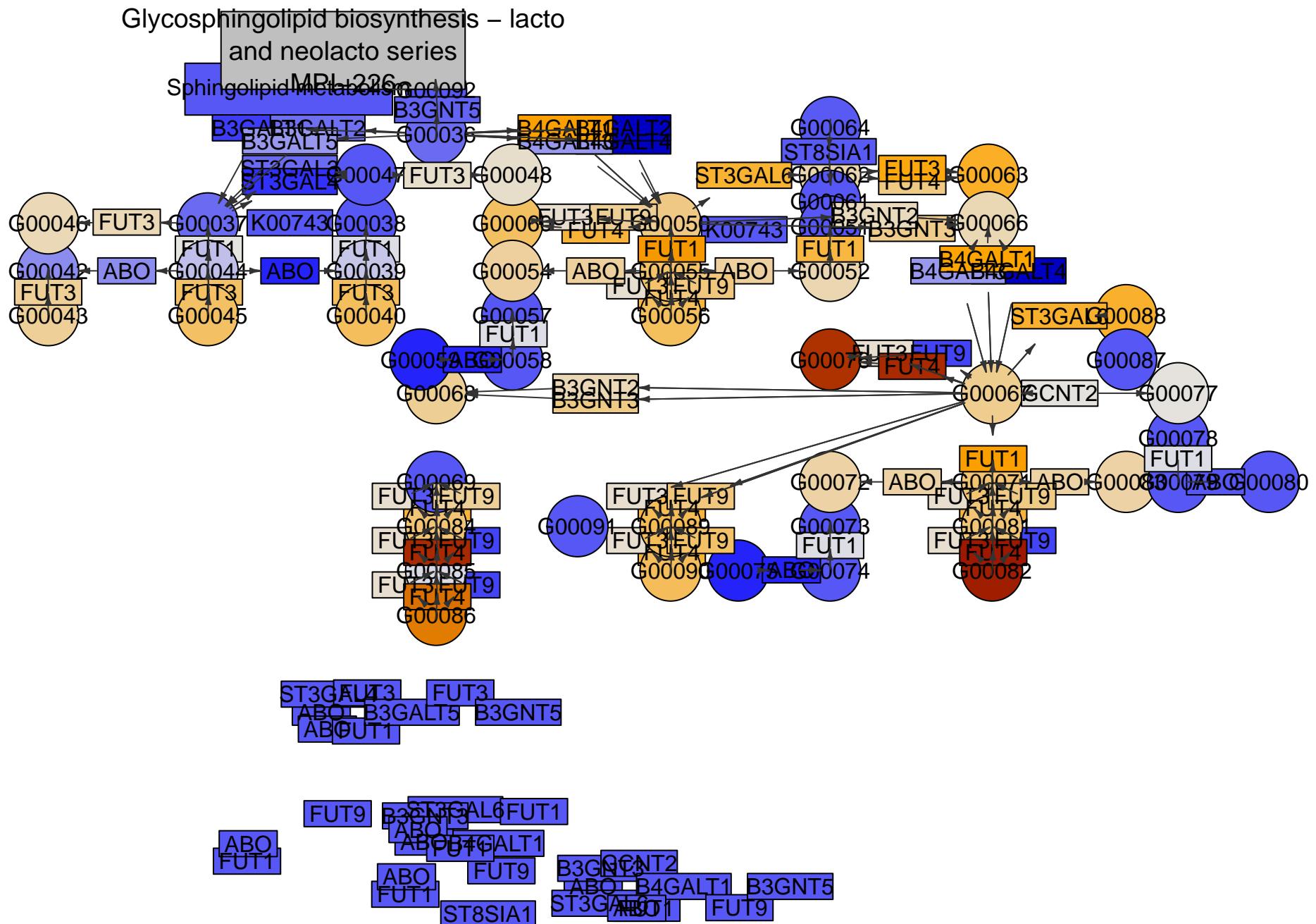




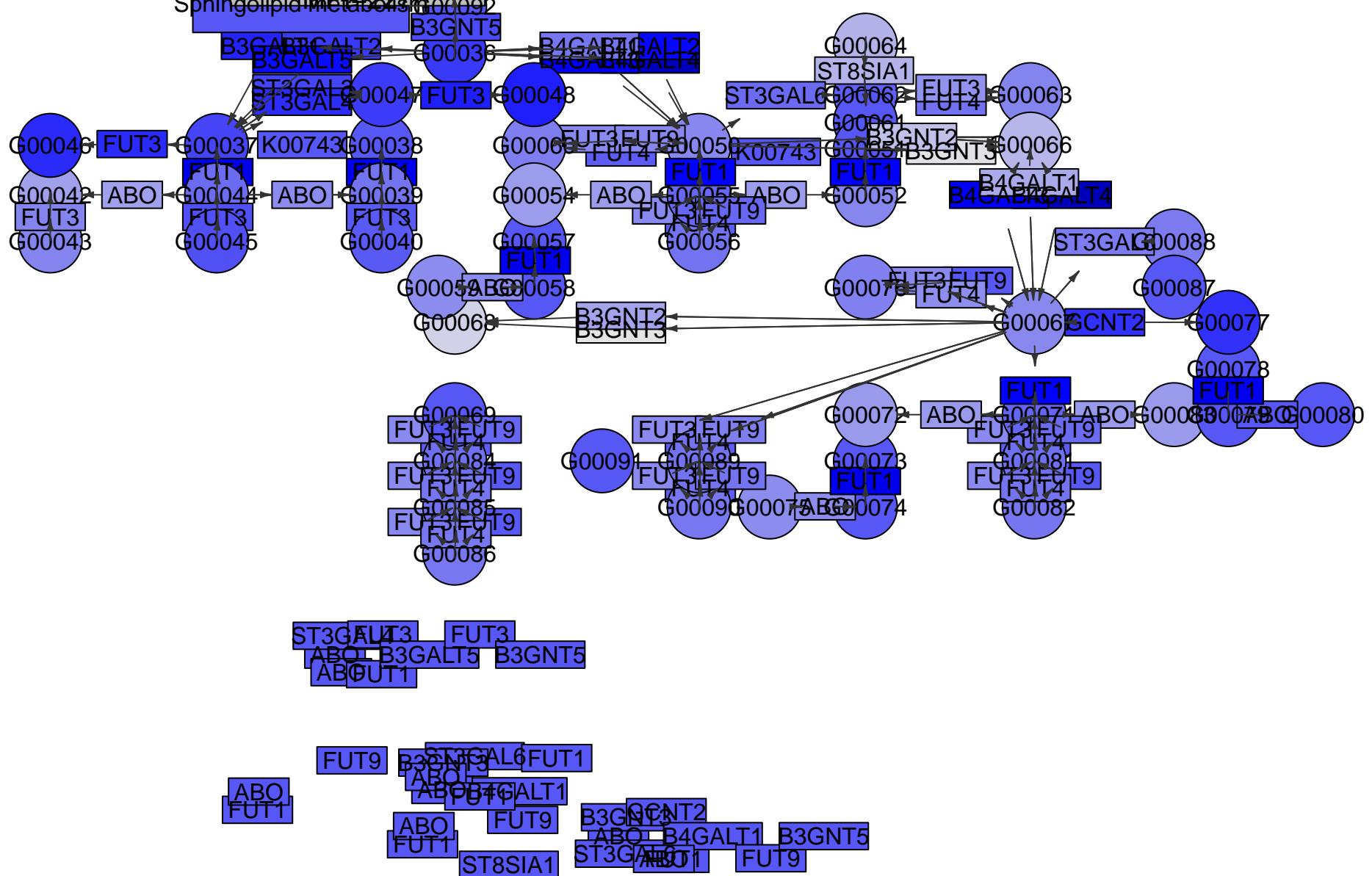
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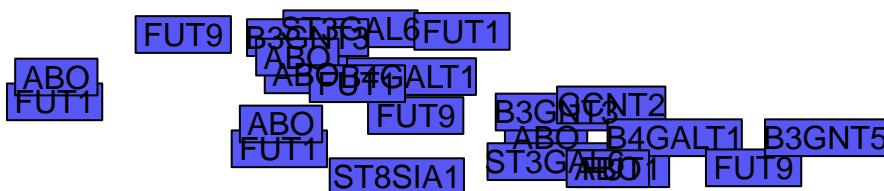
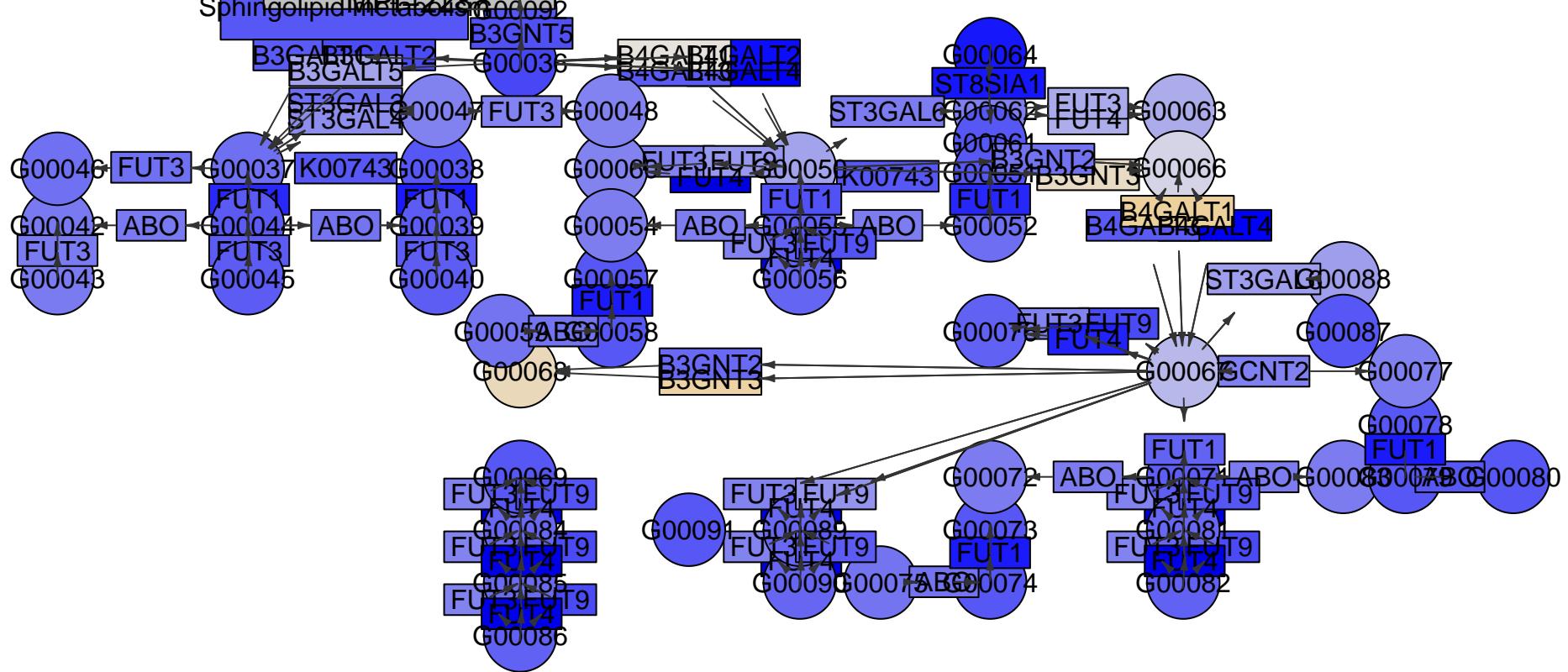




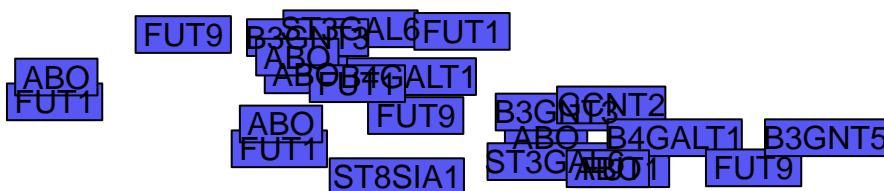
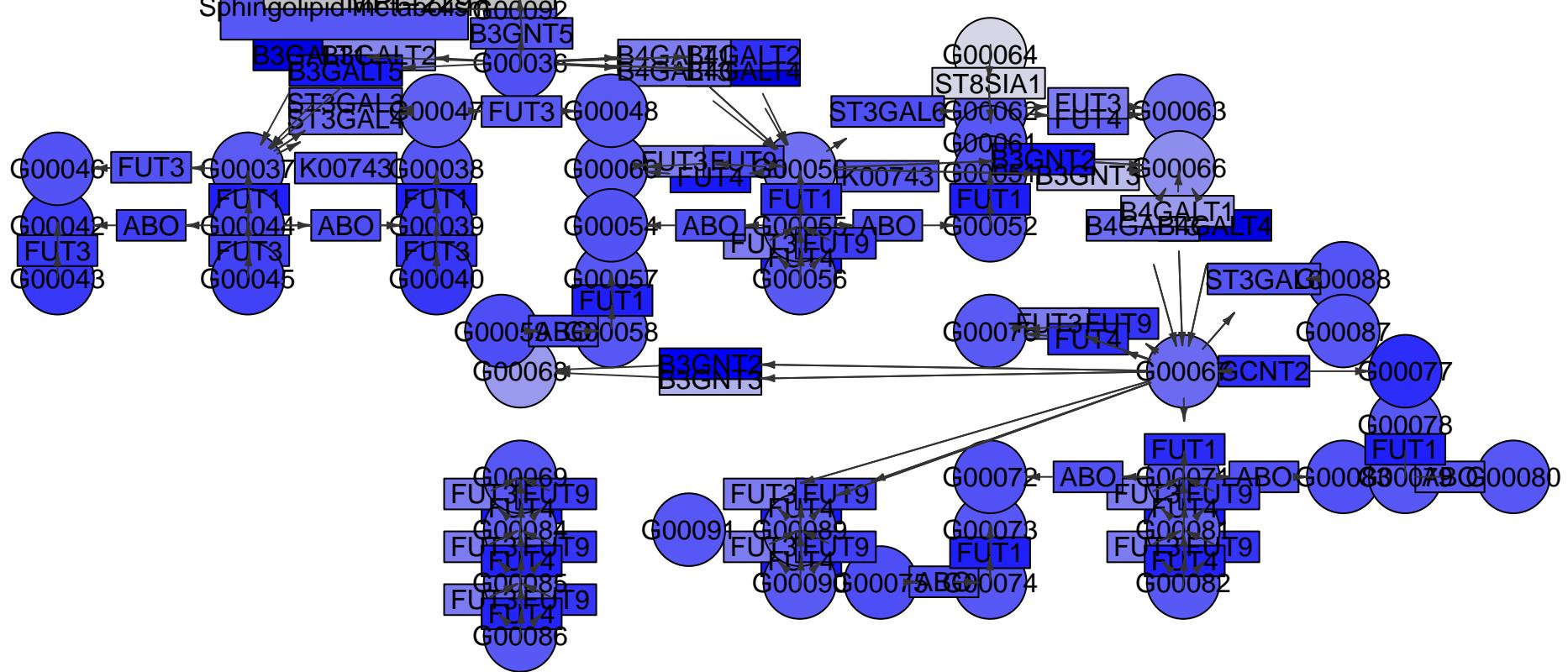
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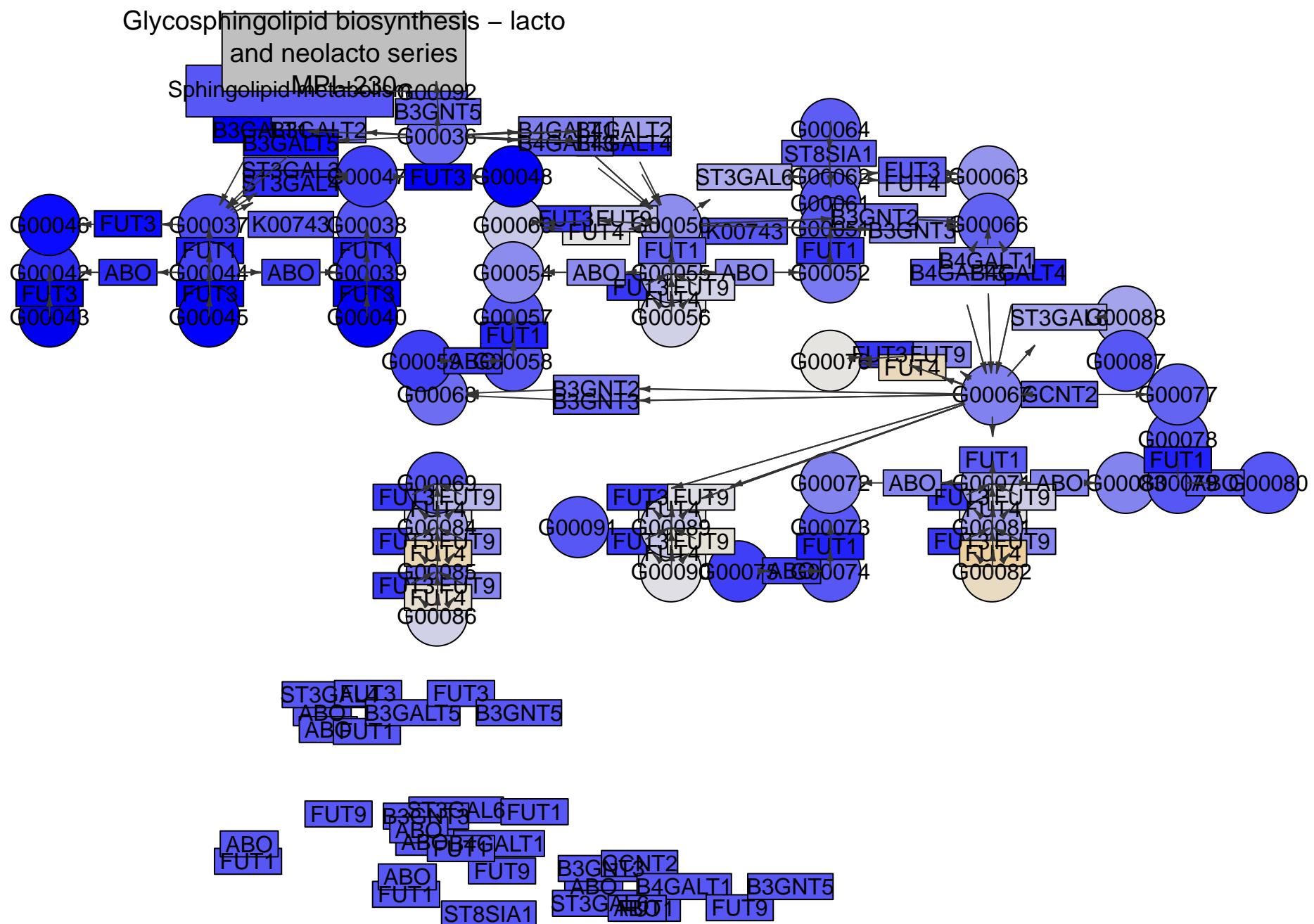


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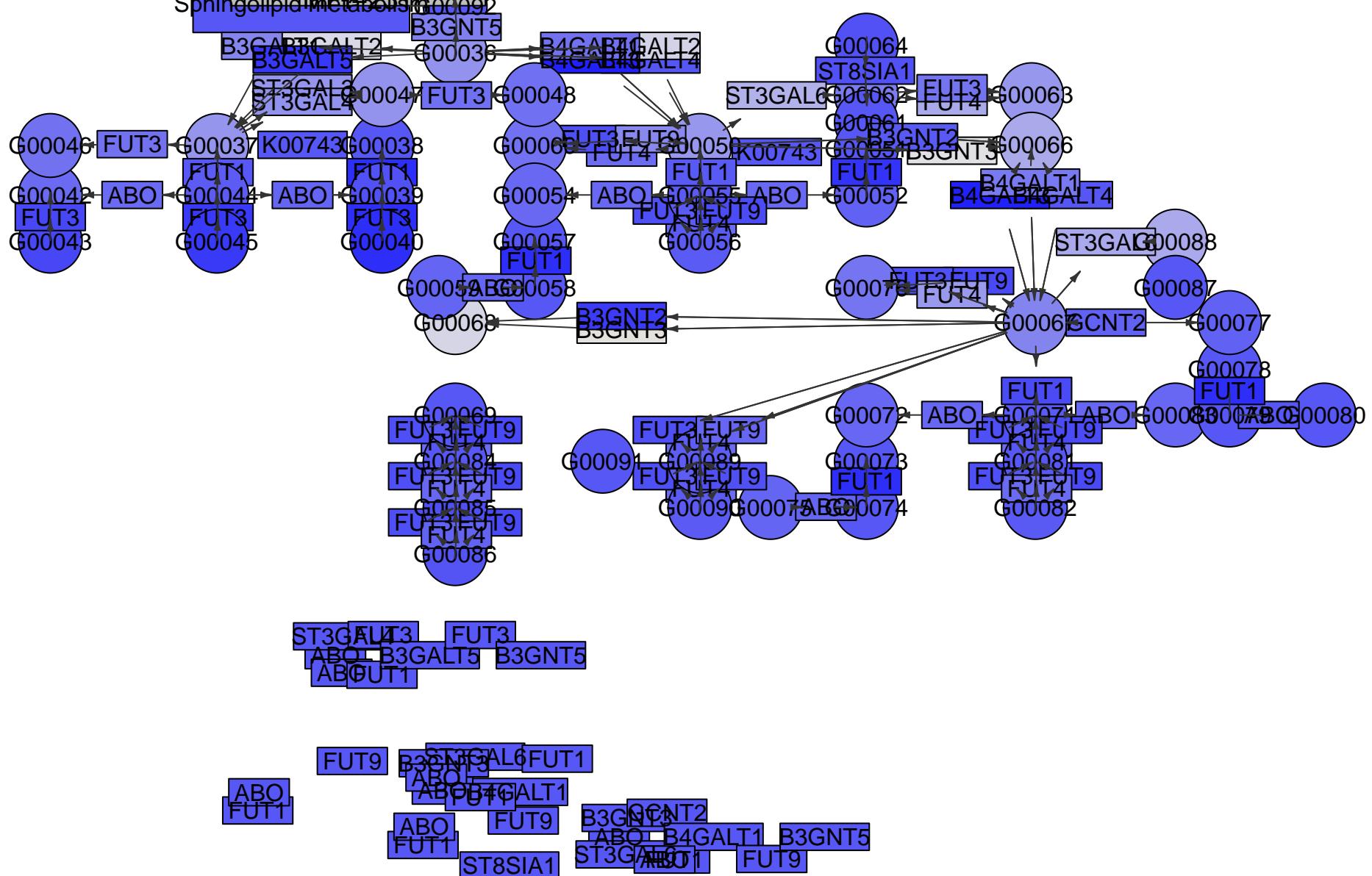


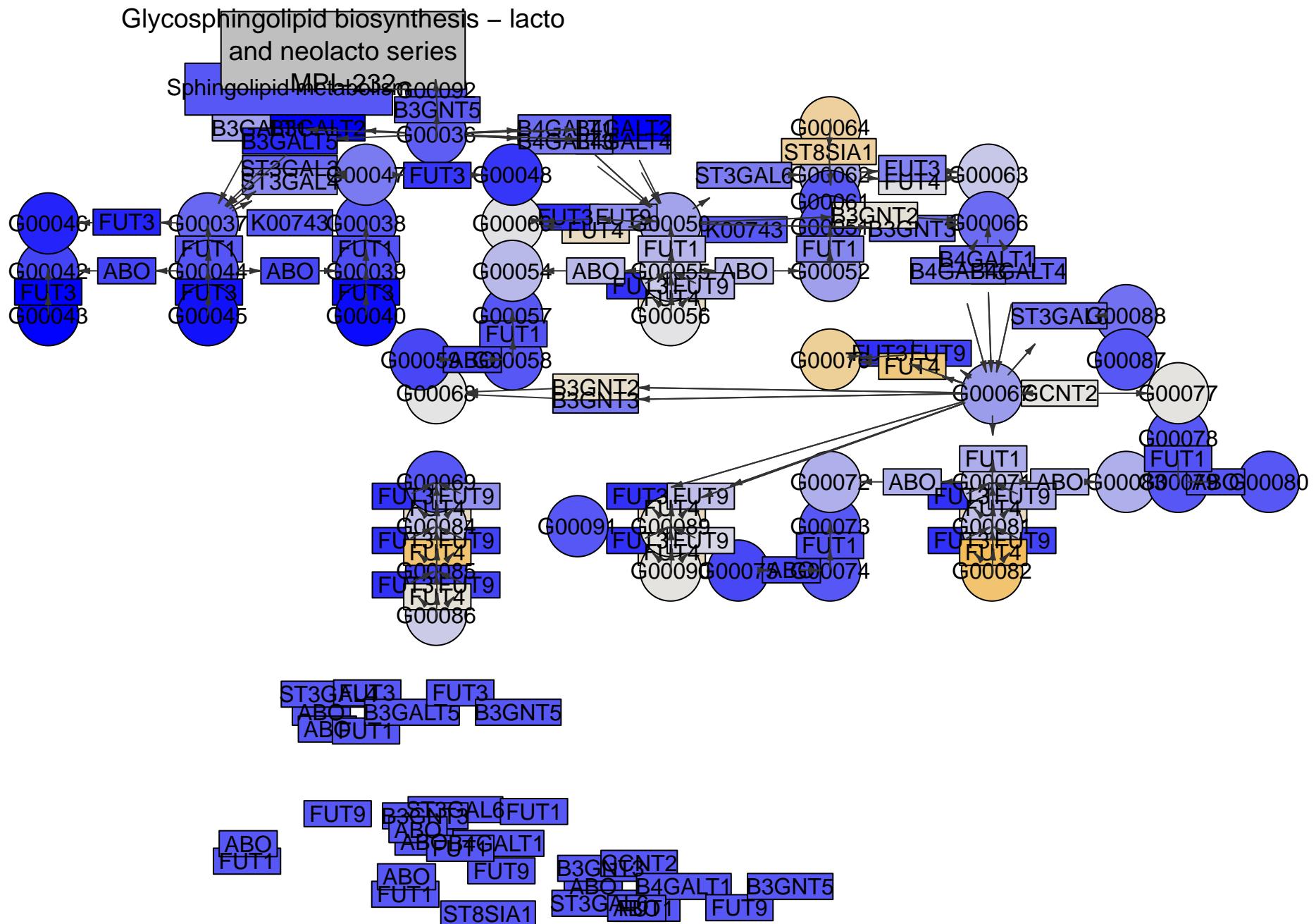
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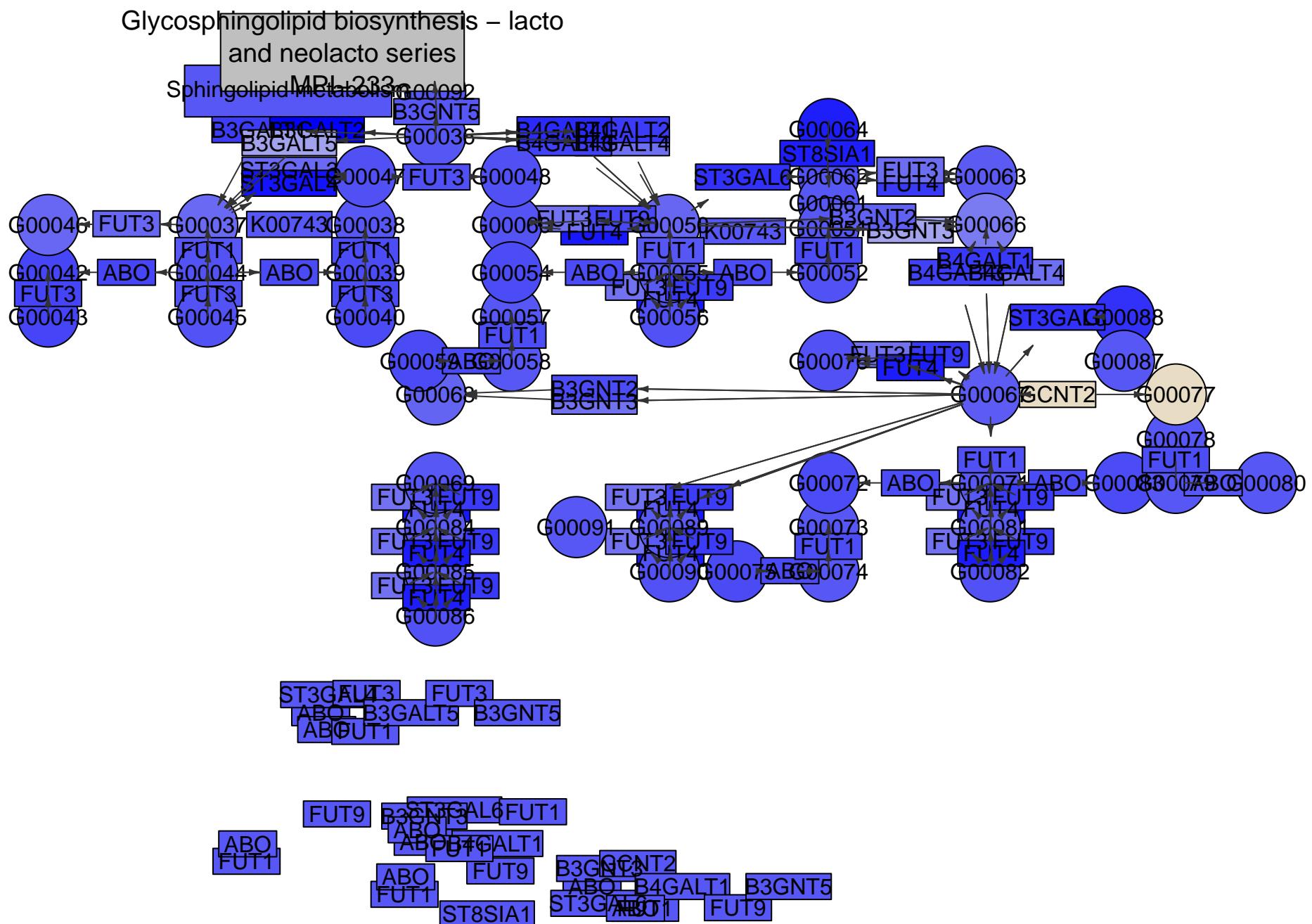




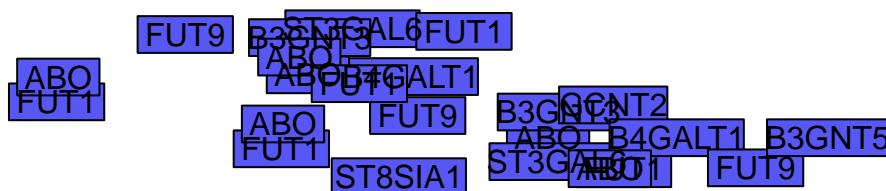
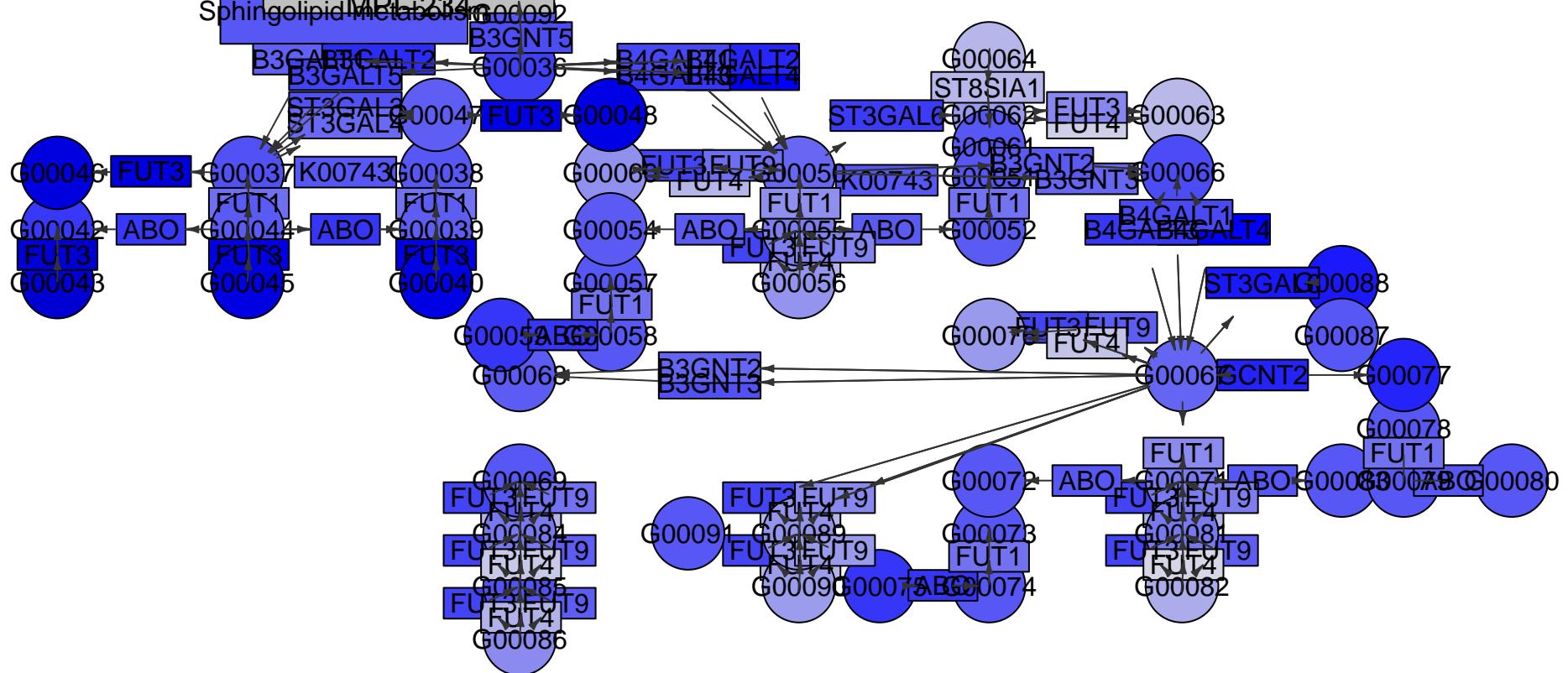
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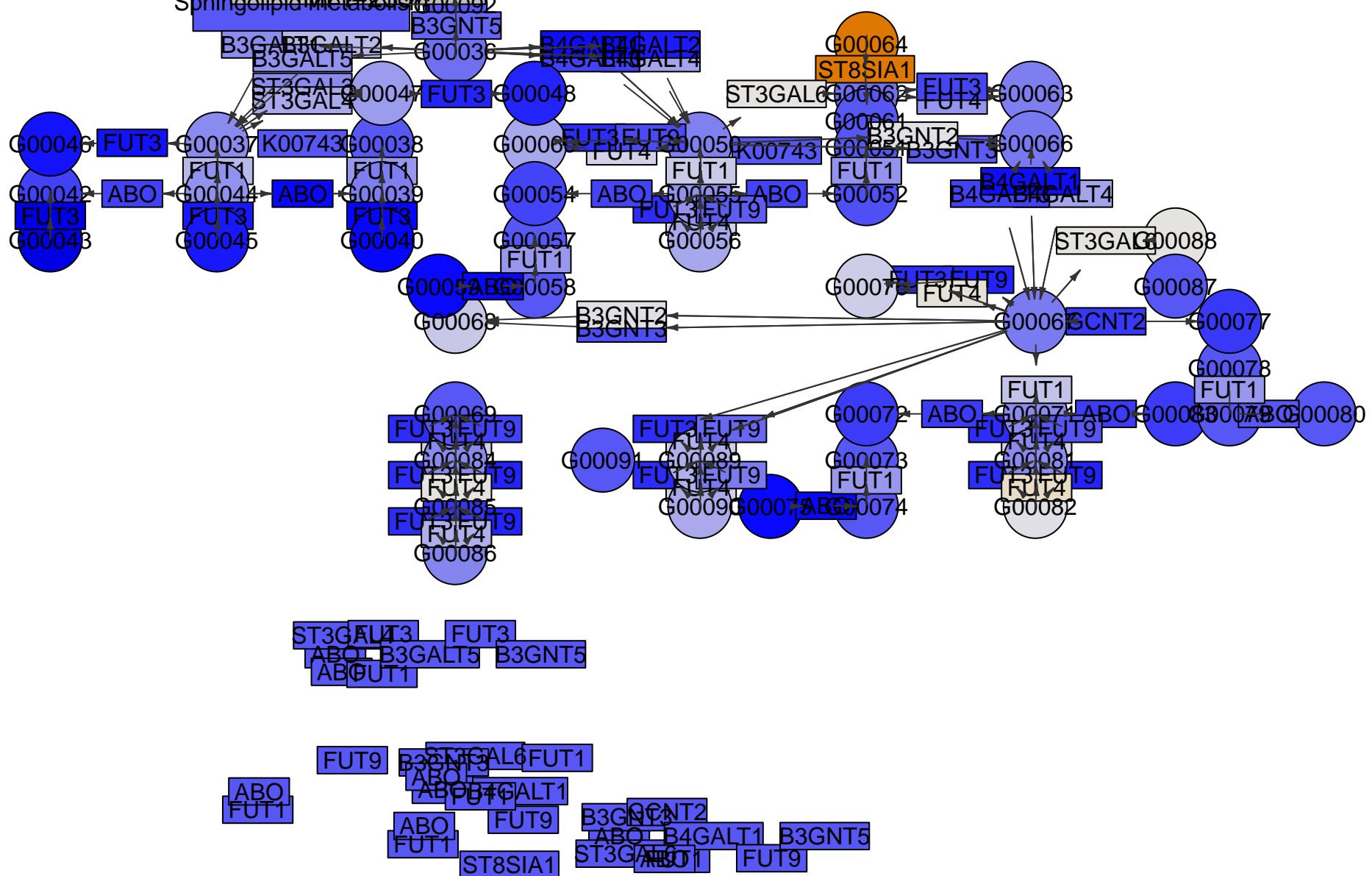




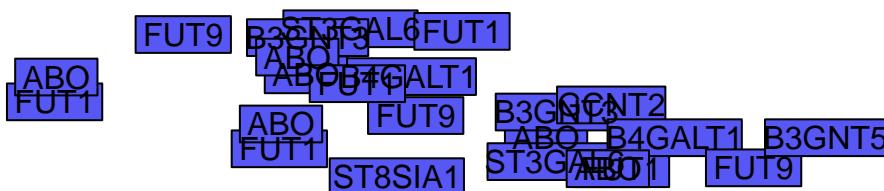
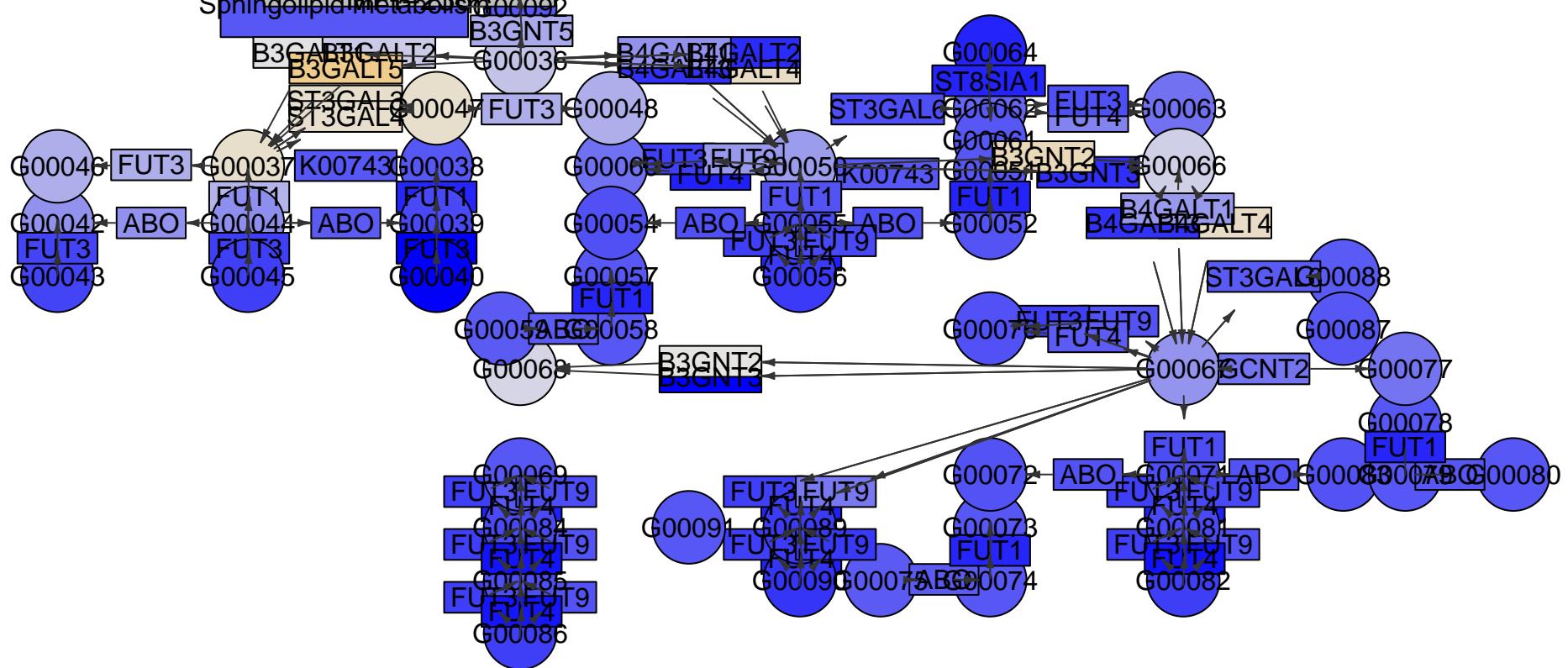
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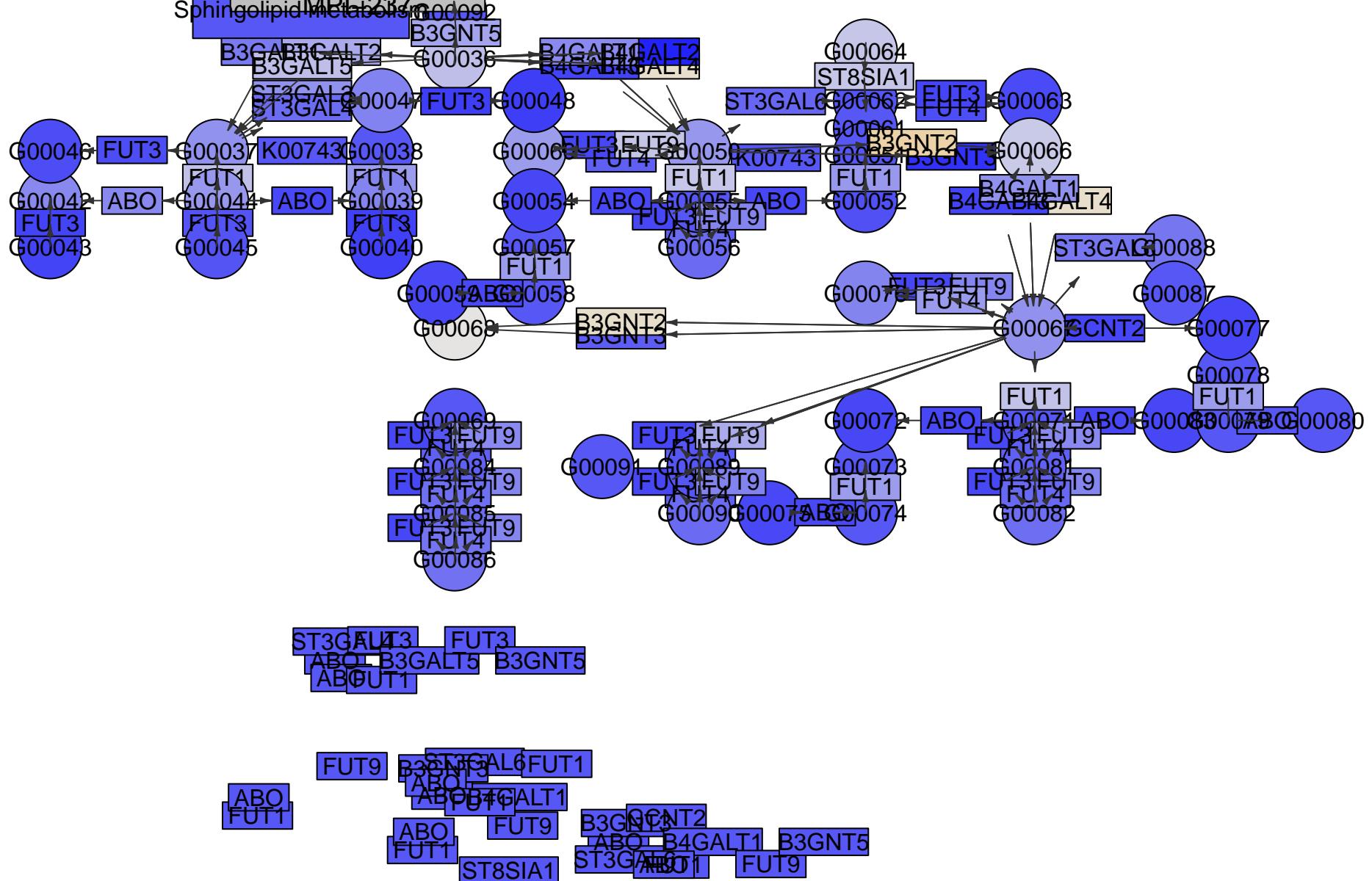
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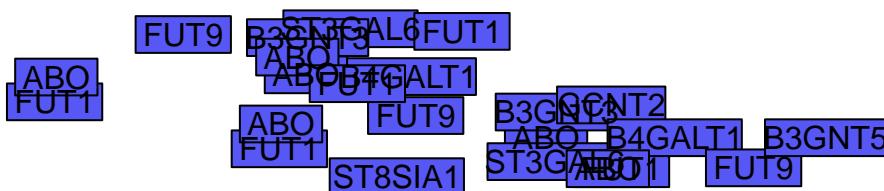
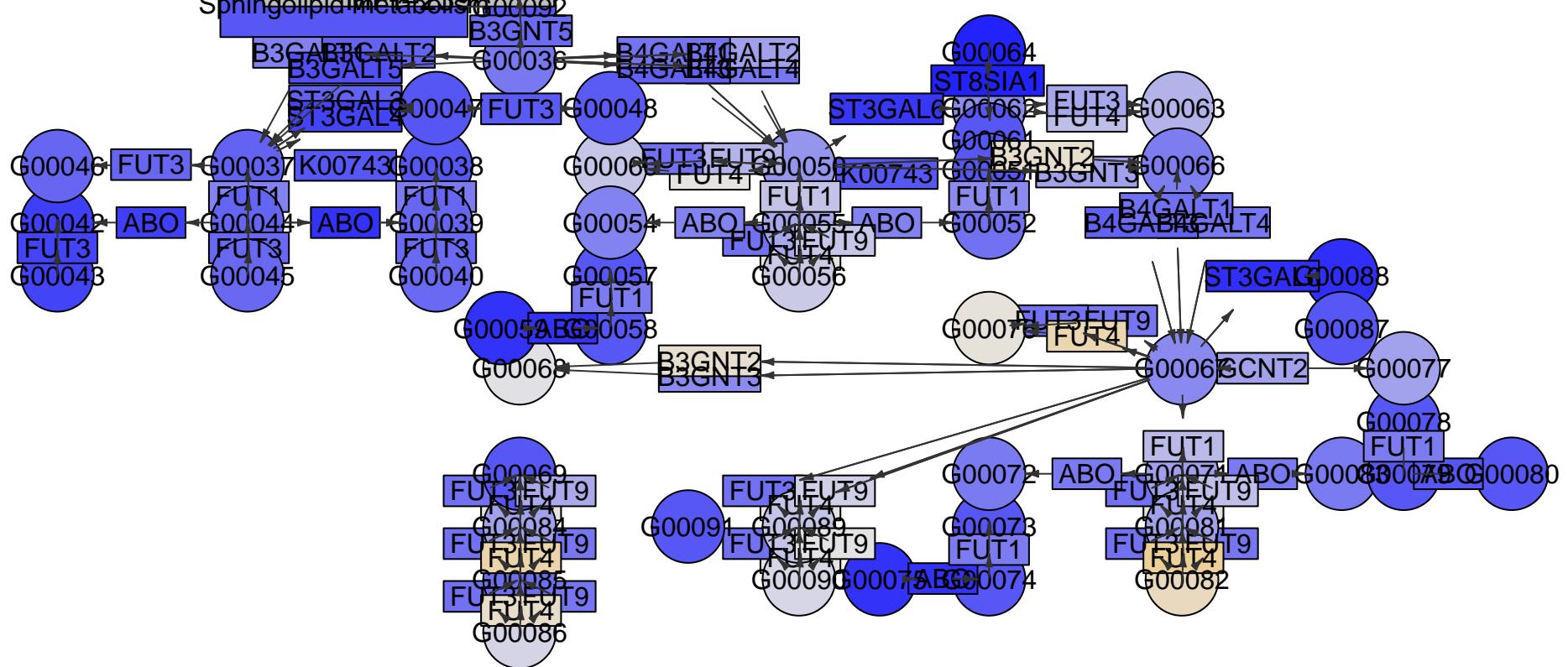
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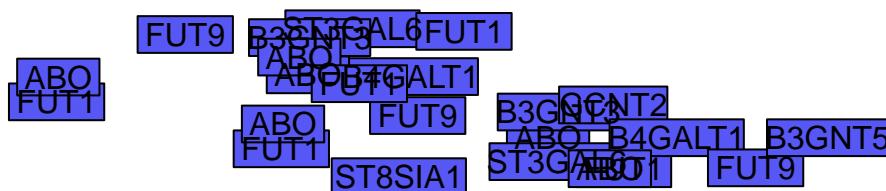
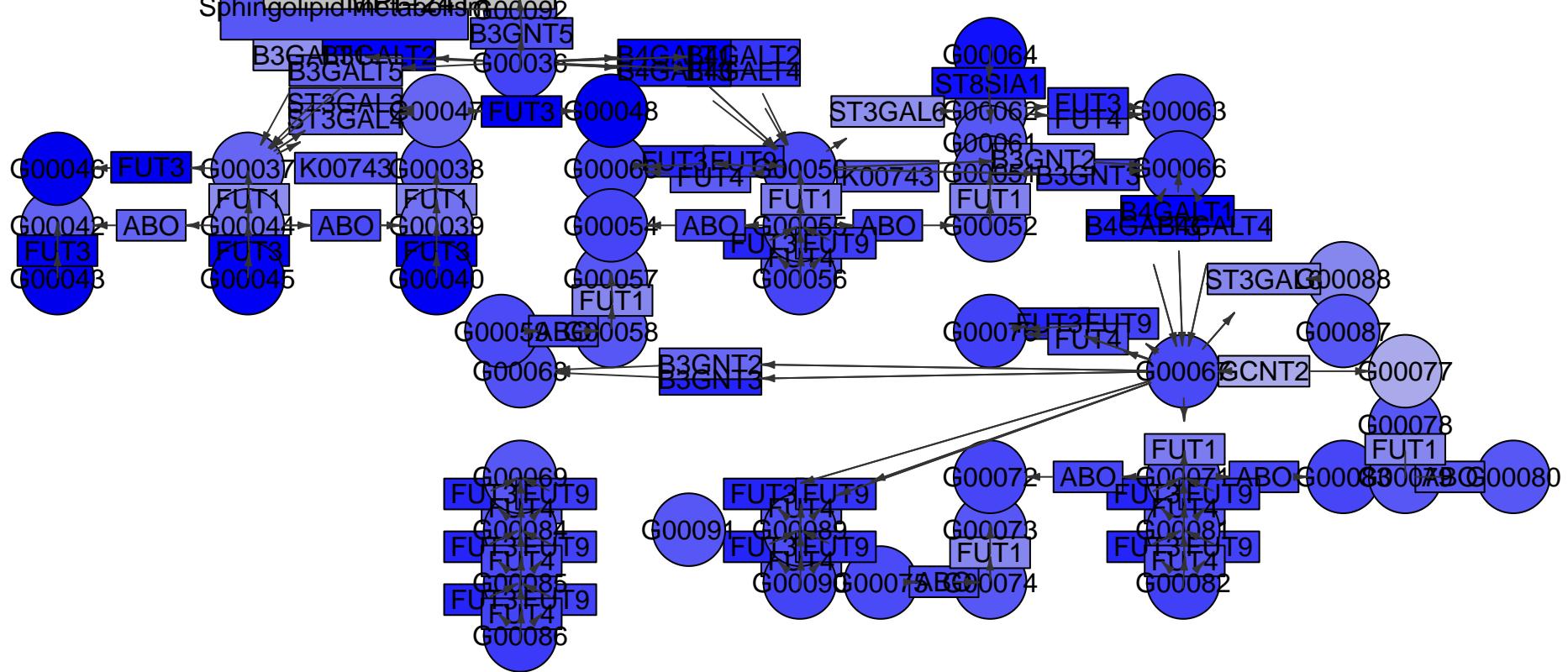
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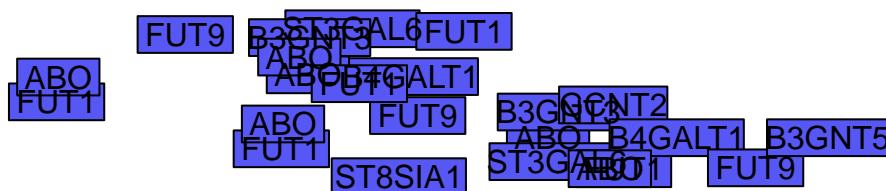
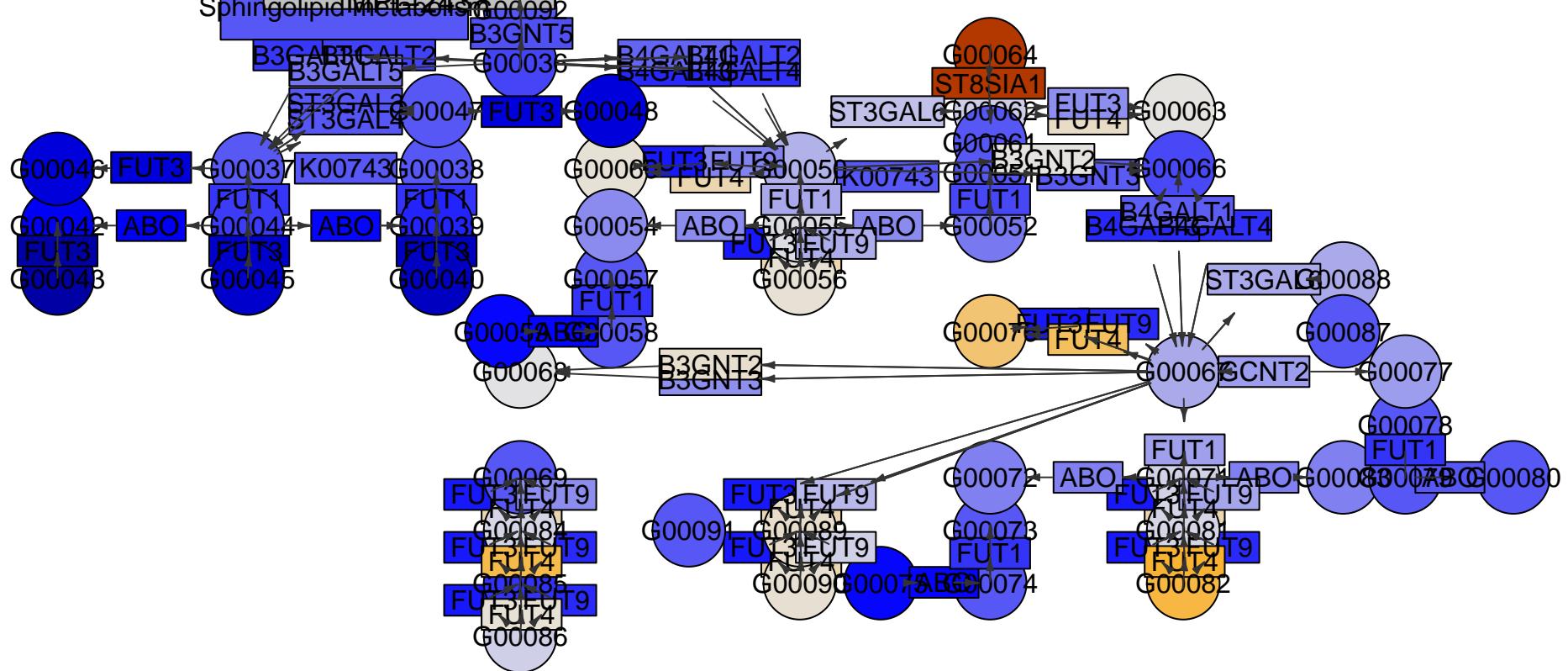
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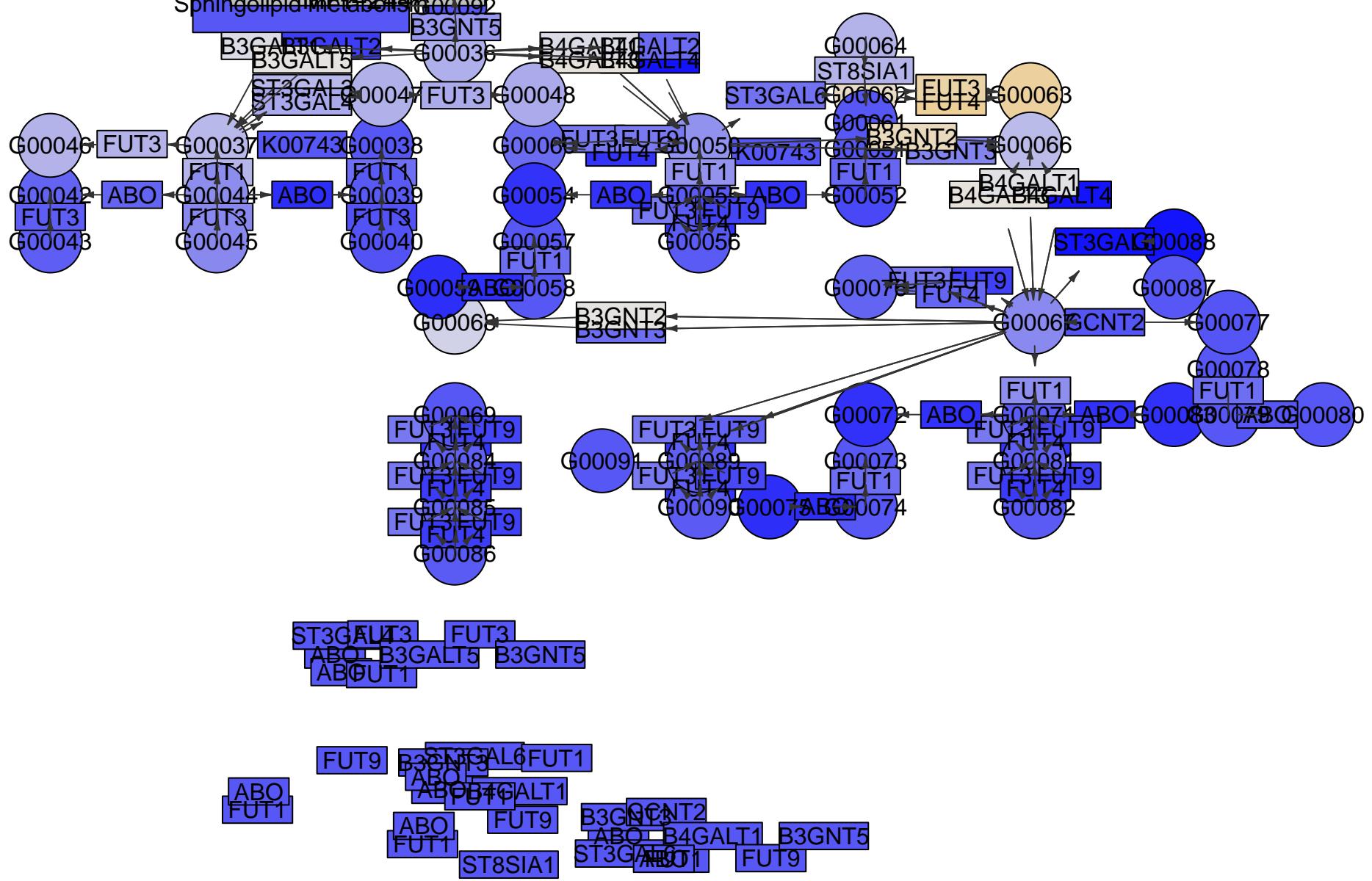
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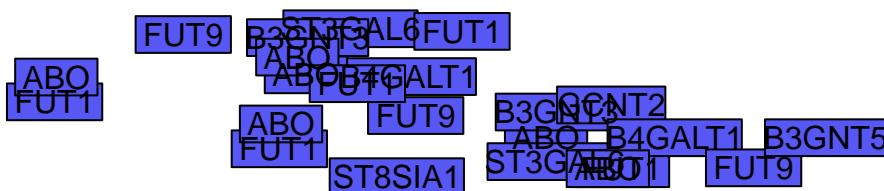
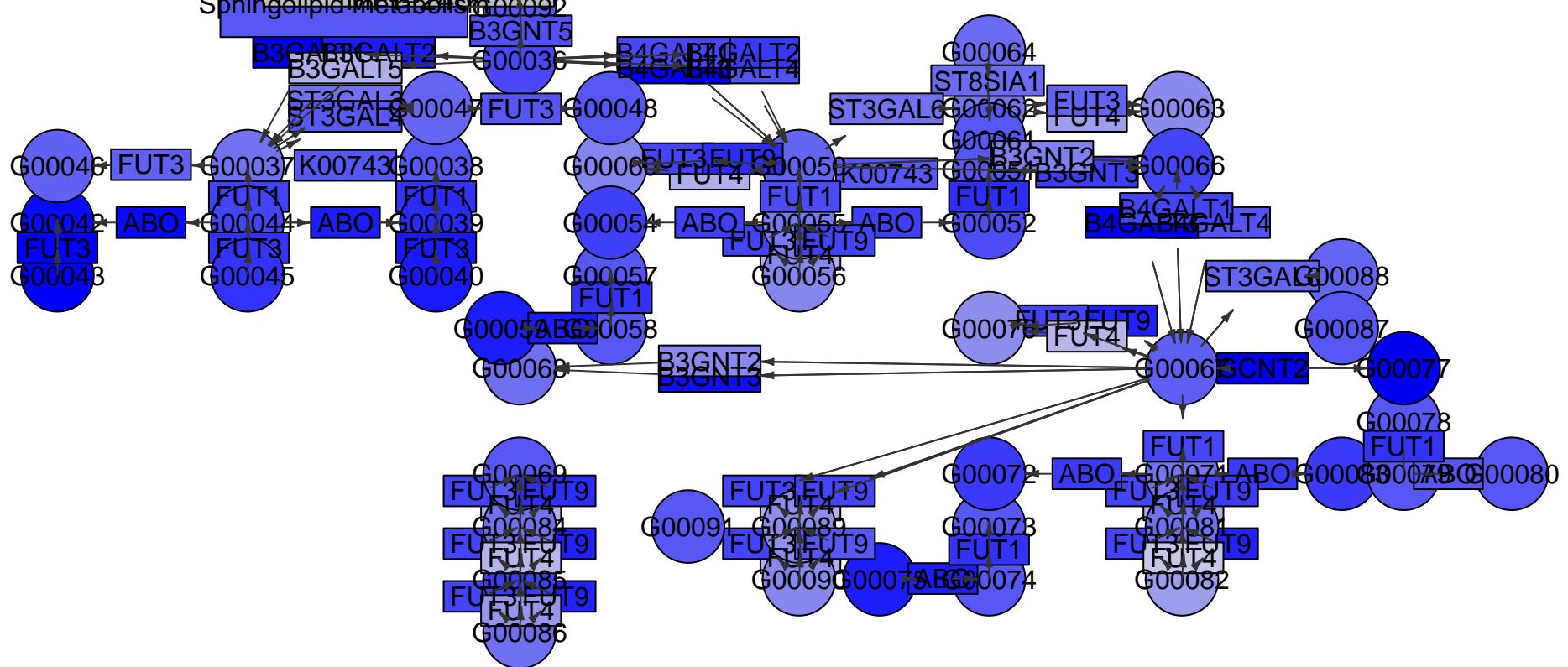
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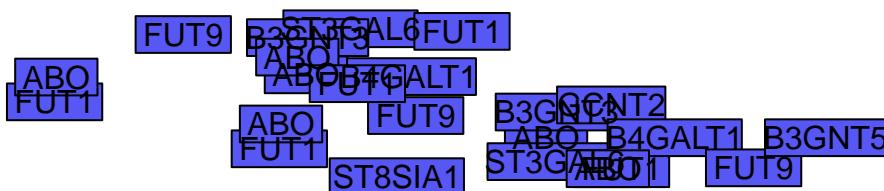
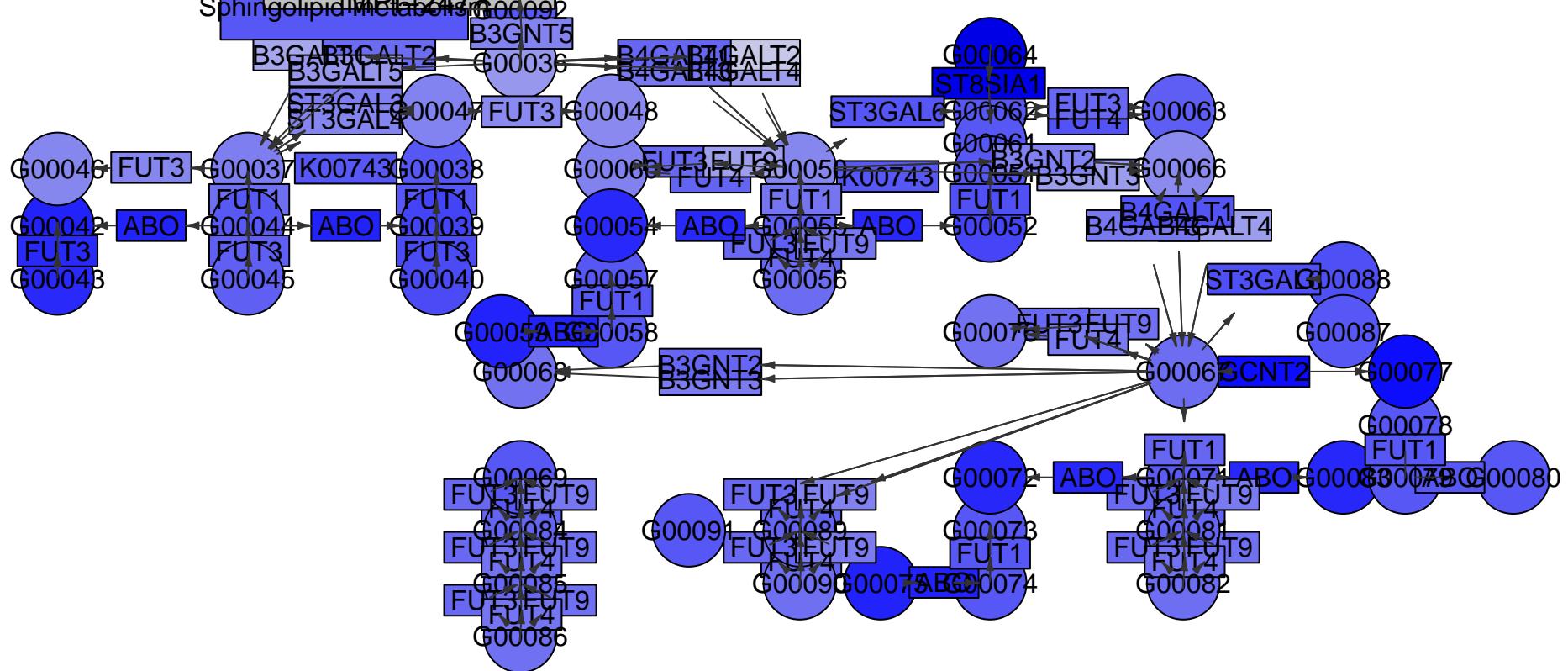
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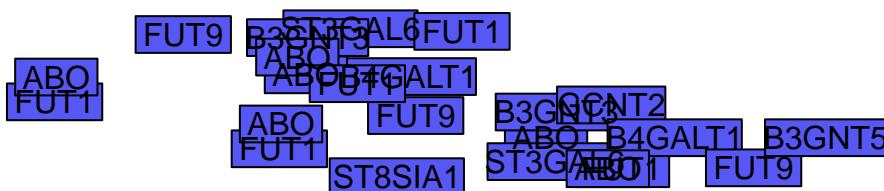
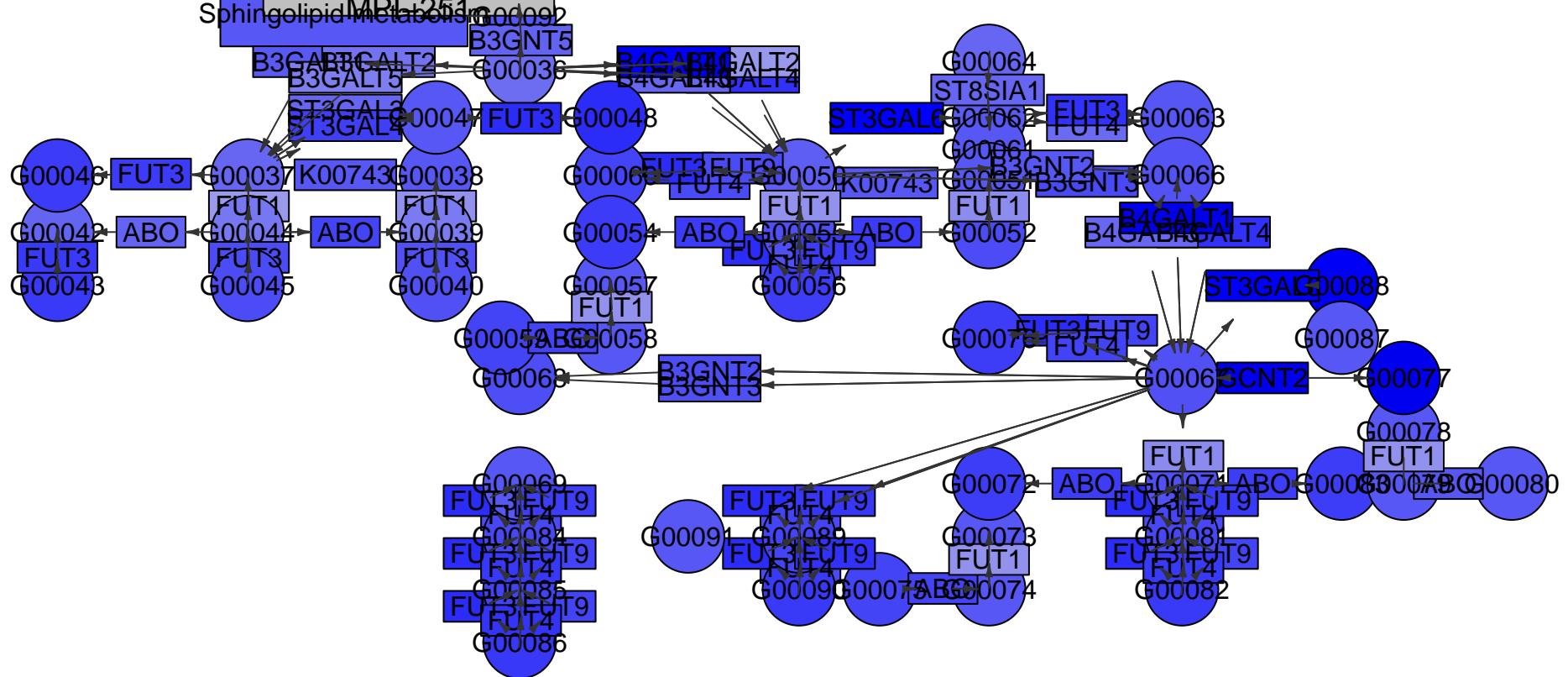
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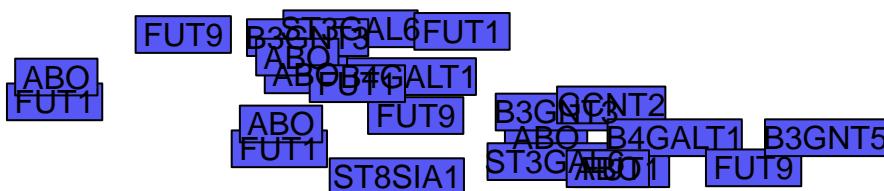
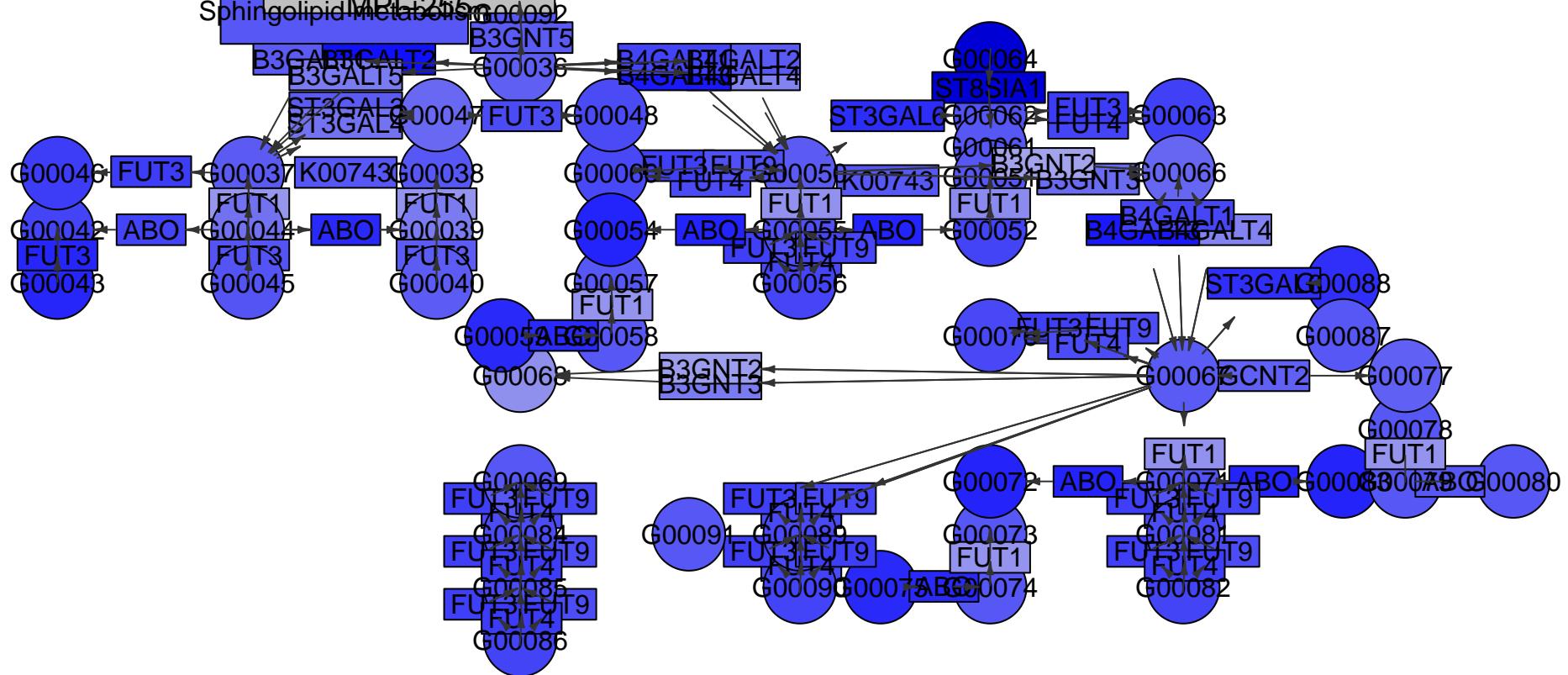
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