

**Table S1. Number of reactions present in each cell-type sub metabolic models.**

<b>Nr of reactions</b>	<b>GABAergic neurons</b>	<b>Neurons</b>	<b>Neural progenitors</b>	<b>Dopaminergic neurons</b>	<b>Astrocyte-like glia progenitors</b>
<b>WT-D30</b>	3462	3496	3458	3471	3556
<b>WT-D60</b>	3508	3537	3524	3536	3568
<b>PD-D30</b>	3441	3510	3492	3471	3572
<b>PD-D60</b>	3567	3533	3517	3557	3646

**Table S2. Number of metabolites present in each cell-type sub metabolic models.**

<b>Nr of metabolites</b>	<b>GABAergic neurons</b>	<b>Neurons</b>	<b>Neural progenitors</b>	<b>Dopaminergic neurons</b>	<b>Astrocyte-like glia progenitors</b>
<b>WT-D30</b>	2464	2465	2442	2450	2463
<b>WT-D60</b>	2475	2480	2469	2471	2469
<b>PD-D30</b>	2441	2472	2449	2446	2470
<b>PD-D60</b>	2496	2479	2461	2489	2488