

**Supplementary Table S1**

Proportion of terms in GO parts *biological\_process*, *cellular\_component*, and *molecular\_function* containing parent terms, ancestor terms or other existing terms in their definitions.

<i>Experiment</i>	<b>GO</b>	<b>biological process</b>	<b>cellular component</b>	<b>molecular function</b>
<b>Total</b>	<b>28814</b>	17541	2614	8659
<b>Terms with definition</b>	<b>91.1%</b>	99.6%	100%	97.9%
<b>Words in definition</b>	<b>24.3 (±15.3)</b>	27.1 (±15)	28.8 (±20)	16.9 (±10)
<b>Terms in definition</b>	<b>2.4 (±2.3)</b>	2.8 (±1.1)	3.9 (±2.8)	1.3 (±1.4)
<b>≤ 1 term in definition</b>	<b>88.0%</b>	90.0%	96.2%	81.3%
<b>≤ 1 parent in definition</b>	<b>15.8%</b>	17.7%	49.8%	1.4%
<b>≤ 1 ancestor in definition</b>	<b>54.1%</b>	74.4%	85.5%	2.6%