Enriched GO BP terms treemap							
translation	cellular metabolism	intracellular tra	nsport m	etabolism	ositive regulation of biological process		
	response to stress	organic substa metabolisn		cellular component organization		viral process	
	cellular process	cell cycle	biosynthesi	biological regulation	immune system process	leukocyte activation	
			single–organi process	leukocyte	multi-organiar	apoptotic process response to	
biological_process	primary metabolism	nitrogen compound metabolism	cellular compo organization biogenesis		process	stimulus cytokine	

**S3 Fig. Summary of the 1232 statistically overrepresented GO terms from Biological Processes ontology**. Obtained terms are grouped and annotated to their representative based on a semantic similarity measure through REVIGO web server [1] using default parameters. Area of each representative rectangle is inversely proportional to the p-value obtained in the hypergeometric test. The treemap was generated with *treemap* package [2].

- [1] F. Supek, M. Bošnjak, N. Škunca, and T. Šmuc, "REVIGO summarizes and visualizes long lists of gene ontology terms.," *PLoS One*, vol. 6, no. 7, p. e21800, Jan. 2011.
- [2] M. Tennekes, "treemap: Treemap Visualization. R package version 2.4-1." 2016.