

**Table S7: Canonical pathways associated with modulated genes after 3 hours or 24 hours of BCR stimulation.**

3 hours of stimulation		24 hours of stimulation	
B-cell receptor signaling	1.34 10 <sup>-6</sup>	Purine Metabolism	3.94 10 <sup>-8</sup>
PI3K Signaling in B lymphocytes	1.75 10 <sup>-6</sup>	TREM1 Signaling	1.11 10 <sup>-6</sup>
IL-4 Signaling	5.37 10 <sup>-6</sup>	Glycolysis/Gluconeogenesis	6.91 10 <sup>-6</sup>
Molecular Mechanisms of Cancer	5.66 10 <sup>-6</sup>	Pyrimidine Metabolism	1.06 10 <sup>-5</sup>
Interferon Signaling	8.02 10 <sup>-6</sup>	Protein Ubiquitination Pathway	2.33 10 <sup>-5</sup>

Canonical pathways most significantly enriched for genes modulated after BCR stimulation for 3 or 24 hours. Significance p value according to Ingenuity IPA<sup>®</sup> software