

# Table S2

## Regulatory

<i>T cell activation</i>	GO ID	Fold Enrichment
Lymphocyte activation	0046649	4.6
Leukocyte activation	0045321	4.6
Cell activation	0001775	4.2
<b><i>Apoptosis</i></b>		
Death	0016265	2.2
<b><i>Signaling / Immune Response / Differentiation / Development</i></b>		
Regulation of cell differentiation	0045595	4.6
Hemopoietic or lymphoid organ development	0048534	3.8
Immune system development	0002520	3.7
Regulation of developmental process	0050793	3.6
Immune response	0006955	3.2

## Memory

<i>T cell activation</i>	GO ID	Fold Enrichment
Regulation of lymphocyte activation	0051249	4.6
Regulation of cell activation	0050865	4.7
Lymphocyte activation	0046649	4.2
T cell activation	0042110	3.2
Leukocyte activation	0045321	4.4
<b><i>Proliferation/Cell Cycle</i></b>		
Lymphocyte proliferation	0046651	4.6
Mononuclear cell proliferation	0032943	4.6
Cell proliferation	0008283	1.9
<b><i>Apoptosis</i></b>		
Cell death	0008219	1.9
Death	0016265	1.8
<b><i>Signaling / Immune Response / Differentiation / Development</i></b>		
Immune response-regulating cell surface receptor signaling pathway	0002768	9.3
Antigen receptor-mediated signaling pathway	0050851	7.9
Immune response-activating cell surface receptor signaling pathway	0002429	8.6
Immune response-regulating signal transduction	0002764	8.2
Immune response-activating signal transduction	0002757	7.9