

Supplementary Table 2

GO ID	Term	Total No. Genes	Enriched Genes	% (Fold Enrichment)	P-value
GO:0060337	Type I interferon Response	63	10	38.71	1.45E-09
GO:0051607	defense response to virus	169	13	19.76	2.56E-09
GO:0002252	immune effector process	532	16	7.33	4.42E-06
GO:0006950	response to stress	761	17	5.45	9.99E-05
GO:0045047	Protein targetting to ER	90	4	5.30	1.89E-05
GO:0043207	response to external biotic stimulus	876	19	5.29	1.93E-05
GO:0071345	cellular response to cytokine stimulus	652	14	5.24	3.65E-03
GO:0006952	defense response	1262	25	4.83	2.11E-07
GO:0006955	immune response	1169	20	4.17	3.58E-04
GO:0009605	response to external stimulus	1911	26	3.32	2.24E-04
GO:0002376	immune system process	2106	28	3.24	8.85E-05