

## caecal\_day14\_bic vs caecal\_day14\_wt, down:31

Gene to GO-BP conditional test for over-representation

GOBPID	Pvalue	OddsRatio	ExpCount	Count	Size	Term
GO:0006935	0.00005	23.7	0.210	4	88	<a href="#">chemotaxis</a>
GO:0002437	0.00030	101.5	0.026	2	11	<a href="#">inflammatory response to antigenic stimulus</a>
GO:0050766	0.00035	91.3	0.029	2	12	<a href="#">positive regulation of phagocytosis</a>
GO:0007626	0.00047	12.9	0.374	4	157	<a href="#">locomotory behavior</a>
GO:0002824	0.00064	65.2	0.038	2	16	<a href="#">positive regulation of adaptive immune response based on somatic recombination of immune receptors built from immunoglobulin superfamily domains</a>
GO:0002708	0.00101	50.7	0.048	2	20	<a href="#">positive regulation of lymphocyte mediated immunity</a>
GO:0002819	0.00101	50.7	0.048	2	20	<a href="#">regulation of adaptive immune response</a>
GO:0032103	0.00101	50.7	0.048	2	20	<a href="#">positive regulation of response to external stimulus</a>
GO:0006690	0.00111	48.0	0.050	2	21	<a href="#">icosanoid metabolic process</a>
GO:0002703	0.00145	41.5	0.057	2	24	<a href="#">regulation of leukocyte mediated immunity</a>
GO:0050727	0.00158	39.6	0.060	2	25	<a href="#">regulation of inflammatory response</a>
GO:0031349	0.00171	38.0	0.062	2	26	<a href="#">positive regulation of defense response</a>
GO:0030100	0.00184	36.5	0.064	2	27	<a href="#">regulation of endocytosis</a>
GO:0050900	0.00198	35.1	0.067	2	28	<a href="#">leukocyte migration</a>
GO:0002768	0.00242	31.4	0.074	2	31	<a href="#">immune response-regulating cell surface receptor signaling pathway</a>
GO:0001525	0.00265	12.3	0.281	3	118	<a href="#">angiogenesis</a>
GO:0002757	0.00291	28.5	0.081	2	34	<a href="#">immune response-activating signal transduction</a>
GO:0048583	0.00387	10.7	0.321	3	135	<a href="#">regulation of response to stimulus</a>
GO:0051130	0.00421	23.3	0.098	2	41	<a href="#">positive regulation of cellular component organization and biogenesis</a>
GO:0007599	0.00442	22.8	0.100	2	42	<a href="#">hemostasis</a>
GO:0050817	0.00462	22.2	0.102	2	43	<a href="#">coagulation</a>
GO:0009611	0.00520	9.7	0.358	3	163	<a href="#">response to wounding</a>
GO:0051240	0.00530	9.6	0.360	3	151	<a href="#">positive regulation of multicellular organismal process</a>
GO:0006952	0.00541	6.5	0.726	4	305	<a href="#">defense response</a>
GO:0002526	0.00801	16.5	0.136	2	57	<a href="#">acute inflammatory response</a>
GO:0001568	0.00887	7.9	0.433	3	182	<a href="#">blood vessel development</a>
GO:0042060	0.01094	14.0	0.160	2	67	<a href="#">wound healing</a>
GO:0002449	0.01357	12.4	0.179	2	75	<a href="#">lymphocyte mediated immunity</a>
GO:0002460	0.01357	12.4	0.179	2	75	<a href="#">adaptive immune response based on somatic recombination of immune receptors built from immunoglobulin superfamily domains</a>
GO:0051239	0.01941	10.3	0.216	2	102	<a href="#">regulation of multicellular organismal process</a>
GO:0007155	0.01990	4.3	1.062	4	446	<a href="#">cell adhesion</a>
GO:0000272	0.02357	48.5	0.024	1	10	<a href="#">polysaccharide catabolic process</a>
GO:0019370	0.02357	48.5	0.024	1	10	<a href="#">leukotriene biosynthetic process</a>
GO:0050854	0.02357	48.5	0.024	1	10	<a href="#">regulation of antigen receptor-mediated signaling pathway</a>
GO:0006928	0.02491	5.3	0.638	3	268	<a href="#">cell motility</a>
GO:0009605	0.02517	9.0	0.249	2	129	<a href="#">response to external stimulus</a>
GO:0006693	0.02590	43.7	0.026	1	11	<a href="#">prostaglandin metabolic process</a>
GO:0006911	0.02590	43.7	0.026	1	11	<a href="#">phagocytosis, engulfment</a>
GO:0043449	0.02590	43.7	0.026	1	11	<a href="#">alkene metabolic process</a>
GO:0045055	0.02590	43.7	0.026	1	11	<a href="#">regulated secretory pathway</a>
GO:0048286	0.02590	43.7	0.026	1	11	<a href="#">alveolus development</a>
GO:0002252	0.02740	8.5	0.260	2	109	<a href="#">immune effector process</a>
GO:0030199	0.03054	36.4	0.031	1	13	<a href="#">collagen fibril organization</a>
GO:0042461	0.03054	36.4	0.031	1	13	<a href="#">photoreceptor cell development</a>
GO:0006044	0.03285	33.6	0.033	1	14	<a href="#">N-acetylglucosamine metabolic process</a>
GO:0019886	0.03285	33.6	0.033	1	14	<a href="#">antigen processing and presentation of exogenous peptide antigen via MHC class II</a>
GO:0030335	0.03285	33.6	0.033	1	14	<a href="#">positive regulation of cell migration</a>
GO:0032635	0.03285	33.6	0.033	1	14	<a href="#">interleukin-6 production</a>
GO:0002504	0.03516	31.2	0.036	1	15	<a href="#">antigen processing and presentation of peptide or polysaccharide antigen via MHC class II</a>
GO:0032640	0.03516	31.2	0.036	1	15	<a href="#">tumor necrosis factor production</a>
GO:0048519	0.03660	3.1	1.896	5	796	<a href="#">negative regulation of biological process</a>
GO:0000902	0.03738	4.5	0.748	3	314	<a href="#">cell morphogenesis</a>
GO:0040017	0.03746	29.1	0.038	1	16	<a href="#">positive regulation of locomotion</a>
GO:0002682	0.03911	6.9	0.315	2	138	<a href="#">regulation of immune system process</a>
GO:0050852	0.03975	27.3	0.040	1	17	<a href="#">T cell receptor signaling pathway</a>
GO:0006040	0.04433	24.2	0.045	1	19	<a href="#">amino sugar metabolic process</a>
GO:0048593	0.04433	24.2	0.045	1	19	<a href="#">camera-type eye morphogenesis</a>
GO:0002699	0.04472	24.0	0.046	1	20	<a href="#">positive regulation of immune effector process</a>
GO:0006958	0.04661	23.0	0.048	1	20	<a href="#">complement activation, classical pathway</a>
GO:0019884	0.04888	21.8	0.050	1	21	<a href="#">antigen processing and presentation of exogenous antigen</a>
GO:0006909	0.04913	21.7	0.050	1	22	<a href="#">phagocytosis</a>