



GO term	Description	Enrichment	FDR q-value	Benjamini-Hochberg (BH) q-value	Gene
GO:0000001	regulation of primary metabolic process	1.47E-4	0.00	1.22 (0.74, 2.06) (0.00, 2.07)	See description
GO:0000002	metabolic acid metabolic process	1.5E-4	9.99E-1	1.22 (0.74, 1.97) (0.00, 2.07)	See description
GO:0000003	metabolic alkaline metabolic process	2.88E-4	100	1.82 (0.74, 3.94) (0.00, 2.07)	See description
GO:0000004	metabolic neutral metabolic process	4.2E-4	100	4.20 (0.74, 10.75) (2.1, 3.2)	See description
GO:0000005	positive regulation of metabolic process	4.9E-4	9.99E-1	4.97 (0.74, 10.75) (2.1, 3.2)	See description
GO:0000006	regulation of metabolic process	4.75E-4	8.49E-1	4.18 (0.74, 20.36) (0.00, 2.07)	See description
GO:0000007	negative regulation of metabolic process	5.84E-4	7.68E-1	51.24 (0.74, 12.76) (2.1, 3.2)	See description
GO:0000008	regulation of metabolic process	7.38E-4	6.58E-1	1.20 (0.74, 2.07) (0.00, 2.07)	See description
GO:0000009	regulation of metabolic process	7.58E-4	7.93E-1	1.20 (0.74, 2.07) (0.00, 2.07)	See description
GO:0000010	regulation of metabolic process	7.68E-4	7.28E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000011	regulation of metabolic process	7.88E-4	6.67E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000012	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000013	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000014	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000015	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000016	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000017	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000018	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000019	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000020	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000021	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000022	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000023	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000024	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000025	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000026	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000027	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000028	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000029	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000030	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000031	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000032	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000033	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000034	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000035	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000036	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000037	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000038	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000039	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000040	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000041	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000042	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000043	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000044	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000045	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000046	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000047	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000048	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000049	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000050	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000051	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000052	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000053	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000054	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000055	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000056	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000057	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000058	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000059	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000060	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000061	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000062	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000063	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000064	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000065	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000066	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000067	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000068	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000069	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000070	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000071	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000072	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000073	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000074	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000075	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000076	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000077	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000078	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000079	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000080	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000081	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000082	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000083	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000084	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000085	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000086	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000087	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000088	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000089	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000090	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000091	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000092	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000093	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000094	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000095	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000096	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000097	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000098	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000099	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description
GO:0000100	regulation of metabolic process	7.88E-4	6.10E-1	1.10 (0.74, 1.74) (0.00, 2.07)	See description

Species used: Homo sapiens

The system has recognized 10357 genes out of 10427 gene names entered by the user.

10357 genes were recognized by gene symbol and 10357 genes by other gene IDs.

1 duplicate genes were removed keeping the highest ranking instance of each gene leaving a total of 10356 genes.

Only 10356 of these genes are associated with GO terms.

The GOdb database is periodically updated using the [GO database](#) and other sources.

This results page will be available on this site for one month from now (until May 8, 2014). You can bookmark this page and come back to it later.

FDR is the enrichment p-value computed according to the nullG or HG model. This p-value is not corrected for multiple testing of 10495 GO terms.

FDR is the correction of the above p-value for multiple testing using the Benjamini and Hochberg (1995) method.

Notice: for the FDR, Benjamini and Hochberg (1995) method, the FDR is the p-value of the nullG or HG model.

Enrichment (N, K, n, b) is defined as follows:

- N - is the total number of genes
- K - is the total number of genes associated with a specific GO term
- n - is the number of genes in the top of the user's input list or in the target set when appropriate
- b - is the number of genes in the intersection

Enrichment = (K/n) * (N/b)

Gene For each GO term you can see the list of associated genes that appear in the optimal top of the list.

Each gene name is specified by gene symbol followed by a short description of the gene.

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