

GO id	Term	Annot. genes	Sign. genes	Expected	P-value	Adj. P-value
GO:0071617	lysophospholipid acyltransferase activit...	12	3	0.09	0.000093	0.0070
GO:0004842	ubiquitin-protein transferase activity	314	10	2.42	0.000150	0.0070
GO:0019787	ubiquitin-like protein transferase activ...	328	10	2.53	0.000210	0.0070
GO:0042171	lysophosphatidic acid acyltransferase ac...	10	2	0.08	0.002550	0.0123
GO:0016740	transferase activity	1738	24	13.41	0.002660	0.0123
GO:0015095	magnesium ion transmembrane transporter ...	14	2	0.11	0.005050	0.0123
GO:0003950	NAD+ ADP-ribosyltransferase activity	17	2	0.13	0.007430	0.0123
GO:0001595	angiotensin receptor activity	1	1	0.01	0.007720	0.0123
GO:0004343	glucosamine 6-phosphate N-acetyltransfer...	1	1	0.01	0.007720	0.0123
GO:0004945	angiotensin type II receptor activity	1	1	0.01	0.007720	0.0123
GO:0005308	creatine transmembrane transporter activ...	1	1	0.01	0.007720	0.0123
GO:0005309	creatine:sodium symporter activity	1	1	0.01	0.007720	0.0123
GO:0018542	2,3-dihydroxy DDT 1,2-dioxygenase activi...	1	1	0.01	0.007720	0.0123
GO:0018555	phenanthrene dioxygenase activity	1	1	0.01	0.007720	0.0123
GO:0018556	2,2',3-trihydroxybiphenyl dioxygenase ac...	1	1	0.01	0.007720	0.0123
GO:0018557	1,2-dihydroxyfluorene 1,1-alpha-dioxygen...	1	1	0.01	0.007720	0.0123
GO:0018558	5,6-dihydroxy-3-methyl-2-oxo-1,2-dihydro...	1	1	0.01	0.007720	0.0123
GO:0018559	1,1-dichloro-2-(dihydroxy-4-chlorophenyl...	1	1	0.01	0.007720	0.0123
GO:0018560	protocatechuate 3,4-dioxygenase type II ...	1	1	0.01	0.007720	0.0123
GO:0018561	2'-aminobiphenyl-2,3-diol 1,2-dioxygenas...	1	1	0.01	0.007720	0.0123
GO:0018562	3,4-dihydroxyfluorene 4,4-alpha-dioxygen...	1	1	0.01	0.007720	0.0123
GO:0018563	2,3-dihydroxy-ethylbenzene 1,2-dioxygena...	1	1	0.01	0.007720	0.0123
GO:0018564	carbazole 1,9a-dioxygenase activity	1	1	0.01	0.007720	0.0123
GO:0018565	dihydroxydibenzothiophene dioxygenase ac...	1	1	0.01	0.007720	0.0123
GO:0018566	1,2-dihydroxynaphthalene-6-sulfonate 1,8...	1	1	0.01	0.007720	0.0123
GO:0018567	styrene dioxygenase activity	1	1	0.01	0.007720	0.0123
GO:0018568	3,4-dihydroxyphenanthrene dioxygenase ac...	1	1	0.01	0.007720	0.0123
GO:0018569	hydroquinone 1,2-dioxygenase activity	1	1	0.01	0.007720	0.0123
GO:0018570	p-cumate 2,3-dioxygenase activity	1	1	0.01	0.007720	0.0123
GO:0018571	2,3-dihydroxy-p-cumate dioxygenase activ...	1	1	0.01	0.007720	0.0123
GO:0018572	3,5-dichlorocatechol 1,2-dioxygenase act...	1	1	0.01	0.007720	0.0123
GO:0018573	2-aminophenol 1,6-dioxygenase activity	1	1	0.01	0.007720	0.0123
GO:0018574	2,6-dichloro-p-hydroquinone 1,2-dioxygen...	1	1	0.01	0.007720	0.0123
GO:0018575	chlorocatechol 1,2-dioxygenase activity	1	1	0.01	0.007720	0.0123
GO:0019114	catechol dioxygenase activity	1	1	0.01	0.007720	0.0123
GO:0019117	dihydroxyfluorene dioxygenase activity	1	1	0.01	0.007720	0.0123
GO:0019782	ISG15 activating enzyme activity	1	1	0.01	0.007720	0.0123
GO:0034543	5-aminosalicylate dioxygenase activity	1	1	0.01	0.007720	0.0123
GO:0034803	3-hydroxy-2-naphthoate 2,3-dioxygenase a...	1	1	0.01	0.007720	0.0123
GO:0034806	benzo(a)pyrene 11,12-dioxygenase activit...	1	1	0.01	0.007720	0.0123
GO:0034808	benzo(a)pyrene 4,5-dioxygenase activity	1	1	0.01	0.007720	0.0123
GO:0034810	4,5-dihydroxybenzo(a)pyrene dioxygenase ...	1	1	0.01	0.007720	0.0123
GO:0034811	benzo(a)pyrene 9,10-dioxygenase activity	1	1	0.01	0.007720	0.0123
GO:0034812	9,10-dihydroxybenzo(a)pyrene dioxygenase...	1	1	0.01	0.007720	0.0123
GO:0034813	benzo(a)pyrene 7,8-dioxygenase activity	1	1	0.01	0.007720	0.0123
GO:0034814	7,8-dihydroxy benzo(a)pyrene dioxygenase...	1	1	0.01	0.007720	0.0123
GO:0034827	1,2-dihydroxy-5,6,7,8-tetrahydronaphthal...	1	1	0.01	0.007720	0.0123
GO:0034834	2-mercaptobenzothiazole dioxygenase acti...	1	1	0.01	0.007720	0.0123
GO:0034895	pyridine-3,4-diol dioxygenase activity	1	1	0.01	0.007720	0.0123
GO:0034920	pyrene dioxygenase activity	1	1	0.01	0.007720	0.0123
GO:0034922	4,5-dihydroxypyrene dioxygenase activity	1	1	0.01	0.007720	0.0123
GO:0034934	phenanthrene-4-carboxylate dioxygenase a...	1	1	0.01	0.007720	0.0123
GO:0034935	tetrachlorobenzene dioxygenase activity	1	1	0.01	0.007720	0.0123
GO:0034936	4,6-dichloro-3-methylcatechol 1,2-dioxyg...	1	1	0.01	0.007720	0.0123
GO:0034955	2,3-dihydroxydiphenyl ether dioxygenase ...	1	1	0.01	0.007720	0.0123
GO:0034956	diphenyl ether 1,2-dioxygenase activity	1	1	0.01	0.007720	0.0123
GO:0036403	arachidonate 8(S)-lipoxygenase activity	1	1	0.01	0.007720	0.0123
GO:0047074	4-hydroxycatechol 1,2-dioxygenase activi...	1	1	0.01	0.007720	0.0123
GO:0047166	1-alkenylglycerophosphoethanolamine O-ac...	1	1	0.01	0.007720	0.0123
GO:0052894	norspermine:oxygen oxidoreductase activi...	1	1	0.01	0.007720	0.0123
GO:0052895	N1-acetylspermine:oxygen oxidoreductase ...	1	1	0.01	0.007720	0.0123
GO:0097199	cysteine-type endopeptidase activity inv...	1	1	0.01	0.007720	0.0123
GO:1990583	phospholipase D activator activity	1	1	0.01	0.007720	0.0123
GO:0016747	transferase activity, transferring acyl ...	165	5	1.27	0.008940	0.0140