CO-00008975 Carbolwards metabolic process 67 22 7.43 8.506-07 0.0000	GO id	Term	Annot. genes	Sign. genes	Expected	I P-value	Adj. P-value
GO:0009144 purine mucleoside triphrosphate metabolic pr					-		
GO-00009149 inhormulational chiphosphate metabolic prices 32 14 3.55 2,000-06 0,0000		, ,	32			2.00e-06	
G.00099141 nucleoside univhosohate motabolic process 33 14 3,86 3,0206 0,0001			32	14	3.55	2.00e-06	0.0000
GO:0006163 More metabolic process	GO:0009205	purine ribonucleoside triphosphate metab	32	14	3.55	2.00e-06	0.0000
CO-0006183 purine nucleotide metabolic process 38 15 4.71 4.70 06 0.0001	GO:0009141	nucleoside triphosphate metabolic proces	33	14	3.66	3.20e-06	0.0001
GO:0009282 movement of cell or subcellular componen. 40 15 443 8.80e-06 0.0001 CO:00172521 purine containing compound metabolic process 37 14 4.10 1.80e-05 0.0001 CO:0009169 purine ribbnucleoside metabolic process 37 14 4.10 1.80e-05 0.0001 CO:0018278 purine nuclooside metabolic process 37 14 4.10 1.80e-05 0.0001 CO:00091893 ribose phosphate metabolic process 42 15 4.66 1.80e-05 0.0001 CO:00091893 ribose phosphate metabolic process 48 16 6.32 2.50e-05 0.0002 CO:0009189 purine nucleoside metabolic process 48 16 6.32 2.50e-05 0.0002 CO:0009189 purine metabolic process 48 16 6.32 2.50e-05 0.0002 CO:0009189 purine metabolic process 48 16 6.32 2.50e-05 0.0002 CO:0009189 purine metabolic process 48 16 6.32 2.50e-05 0.0002 CO:0009189 purine metabolic process 48 16 6.32 2.50e-05 0.0002 CO:0009189 purine pudecaside monophosphate metabolic pude 48 18 18 3.77 2.90e-05 0.0002 CO:0009181 pude pude pude pude pude pude pude pude	GO:0046034	ATP metabolic process	29	13	3.21	3.50e-06	0.0001
GO:00027427 purine-containing compound metabolic process 37	GO:0006163	purine nucleotide metabolic process	38	15	4.21	4.20e-06	0.0001
GC00001561 purine informulaedide matabolic process 37 14 4.10 1.604-05 0.0001 (20.0001278 purine indendesida matabolic process 37 14 4.10 1.604-05 0.0001 (20.0001278) purine indendesida matabolic process 37 14 4.10 1.604-05 0.0001 (20.0001289) ribose phosphate matabolic process 42 15 4.81 1.802-05 0.0001 (20.0001289) ribose phosphate matabolic process 48 16 5.32 2.504-05 0.0002 (20.000128) purine nucleoside monophosphate metabolic process 48 16 5.32 2.504-05 0.0002 (20.0001292) purine reputabolic process 48 18 5.32 2.504-05 0.0002 (20.0001292) purine reputabolic process 48 18 5.32 2.504-05 0.0002 (20.0001292) purine reputabolic process 48 18 5.32 2.504-05 0.0002 (20.0001293) purine reputabolic process 49 13 3.77 2.504-06 0.0002 (20.0001293) purine reputabolic process 49 14 4.43 4.504-05 0.0002 (20.0001293) purine reputabolic process 56 17 6.21 5.304-05 0.0002 (20.0001293) purine reputabolic process 56 17 6.21 5.304-05 0.0002 (20.0001293) purine reputabolic process 56 17 6.21 5.304-05 0.0002 (20.0001293) purine reputabolic process 66 5 0.67 8.704-05 0.0004 (20.0001293) purine reputabolic process 69 17 6.21 5.304-05 0.0004 (20.0001293) purine reputabolic process 69 17 6.21 5.004-05 0.0004 (20.0001293) purine reputabolic process 69 17 6.54 1.104-04 0.0004 (20.0001293) purine reputabolic process 69 17 6.54 1.104-04 0.0004 (20.0001293) purine reputabolic process 69 17 6.55 1.104-04 0.0004 (20.0001293) purine reputabolic process 69 17 6.55 1.104-04 0.0004 (20.0001293) purine reputabolic process 69 17 6.55 1.004-04 0.0006 (20.0001293) purine reputabolic process 69 17 6.55 1.004-04 0.0006 (20.0001293) purine reputabolic process 69 17 6.55 1.004-04 0.0006 (20.0001293) purine reputabolic process 69 17 6.55 1.004-04 0.0006 (20.0001293) purine reputabolic process 69 17 6.004-04 0.0006 (20.0001293) purine reputabolic process 69 17 6.004-04 0.0006 (20.0001293) purine reputabolic process 69 17 6 2.004-04 0.0006 (20.0001293) purine reputabolic process 69 14 6.55 1.004-04 0.0006 (20.0001293) purine reputabolic process 69 14 6.5	GO:0006928	movement of cell or subcellular componen	40	15	4.43	8.80e-06	0.0001
CO-0042278 purine nucleoside metabolic process 37	GO:0072521	purine-containing compound metabolic pro	40	15	4.43	8.80e-06	0.0001
GO-00041628 purine ribonucleoside metabolic process 37 14 4.10 1.60e-08 0.0001 GO-0001803 (floose phosphate metabolic process 42 15 4.66 1.80e-05 0.0001 GO-0000216 riborucleoside metabolic process 38 14 4.21 2.30e-05 0.0002 GO-0000717 microtubule-based process 48 16 5.32 2.50e-05 0.0002 GO-0000716 purine rudeoside monophosphate metabolic 34 13 3.77 2.90e-05 0.0002 GO-0000167 purine rudeoside monophosphate metabolic p 35 13 3.88 4.10e 65 0.0002 GO-0000191 microtubule-based process 40 14 4.34 4.50e-05 0.0002 GO-0000191 microtubule-based process 40 14 4.34 4.50e-05 0.0002 GO-0000117 mulcioside monophosphate metabolic p 35 13 3.88 4.10e 65 0.0001 GO-0000117 mulcioside monophosphate metabolic process 56 17 6.21 5.50e-05 0.0003 GO-0000113 nucleoside monophosphate metabolic process 56 17 6.21 5.50e-05 0.0003 GO-0000113 nucleoside monophosphate metabolic process 56 5 0.67 8.70e-05 0.0003 GO-0000113 microtubule-based movement 38 13 4.21 1.10e 4 0.0004 GO-0000113 microtubule-based movement 38 13 4.21 1.10e 4 0.0004 GO-0000118 microtubule-based movement 38 13 4.21 1.10e 40 0.0004 GO-0000118 microtubule-based movement 38 13 4.21 1.10e 40 0.0004 GO-0000118 mulciosiluir organisma process 59 17 6.54 1.10e-04 0.0004 GO-0000118 mulciosiluir organisma process 59 17 6.54 1.10e-04 0.0006 GO-0000118 mulciosiluir organisma carbohydrate metabolic p. 39 13 4.32 1.50e-04 0.0006 GO-0000118 nucleoside procephate metabolic process 59 17 6.54 1.10e-04 0.0006 GO-0000118 nucleoside metabolic process 55 4 0.55 6.70e-04 0.0006 GO-0000118 nucleoside metabolic process 55 4 0.55 6.70e-04 0.0006 GO-0000119 nucleoside metabolic process 55 4 0.55 6.70e-04 0.0008 GO-0000119 nucleoside metabolic process 55 4 0.55 6.70e-04 0.0008 GO-0000119 nucleoside metabolic process 55 4 0.55 6.70e-04 0.0008 GO-0000012 microtubule-based movement 38 7 0.000 GO-0000013 chilir metabolic process 55 4 0.55 6.70e-04 0.0018 GO-0000013 chilir metabolic process 55 4 0.55 6.70e-04 0.0018 GO-0000013 chilir metabolic	GO:0009150	purine ribonucleotide metabolic process	37	14	4.10	1.60e-05	0.0001
GO-0019833 ribose phosphate metabolic process 42 15 4.66 1.80c-05 0.0001	GO:0042278	purine nucleoside metabolic process	37	14	4.10	1.60e-05	0.0001
GO:00020259 ribonuclocide metabolic process 38 14 4.21 2.30s-05 0.0002 GO:0009126 purine nucleoside monophosphate metaboli 34 13 3.77 2.90s-05 0.0002 GO:0009167 purine ribonucleoside monophosphate metaboli 34 13 3.77 2.90s-05 0.0002 GO:0009167 purine ribonucleoside monophosphate metabolic process 40 14 4.43 4.50s-05 0.0002 GO:0009117 nucleoside monophosphate metabolic process 40 14 4.43 4.50s-05 0.0002 GO:0009117 nucleoside monophosphate metabolic process 56 17 6.21 5.50s-05 0.0003 GO:0009117 nucleoside monophosphate metabolic process 56 17 6.21 5.50s-05 0.0003 GO:0009117 nucleoside monophosphate metabolic process 6 5 0.67 8.70s-05 0.0003 GO:00032501 mutiticellular organismal process 6 5 0.67 8.70s-05 0.0004 GO:0004707 single-muticellular organismal process 6 5 0.67 8.70s-05 0.0004 GO:000473 nucleoside phosphate metabolic process 59 17 6.54 1.10s-04 0.0004 GO:000473 nucleoside phosphate metabolic process 59 17 6.54 1.10s-04 0.0004 GO:0004743 single-organism carbohydrate metabolic process 46 14 5.10 2.50s-04 0.0006 GO:1931135 cuthohydrate derivative metabolic process 46 14 5.10 2.50s-04 0.0006 GO:1931156 quiyousy compound metabolic process 46 14 5.10 2.50s-04 0.0006 GO:0000022 aminoglycen metabolic process 5 4 0.55 6.70s-04 0.0018 GO:0000023 chilth matabolic process 5 4 0.55 6.70s-04 0.0018 GO:0000030 chilth matabolic process 5 4 0.55 6.70s-04 0.0018 GO:0000759 hemosiasis 5 4 0.55 6.70s-04 0.0018 GO:0000769 hemosiasis 5 4 0.55 6.70s-04 0.0018 GO:0000615 regulation 5 4 0.55 6.70s-04 0.0018 GO:0000620 wound healing 6 4 0.55 6.70s-04 0.0018 GO:0000617 coagulation 5 4 0.55 6.70s-04 0.0018 GO:00006187 regulation of body fluid levels 5 4 0.55 6.70s-04 0.0018 GO:0000619 single-organism process 6 7 7 1.88 1.36s-03 0.0	GO:0046128	purine ribonucleoside metabolic process	37	14	4.10	1.60e-05	0.0001
GO:0007177 microtubule-based process GO:0000918 purine nucleoside monophosphate metaboli 34 13 3.77 290e-66 0.00020 GO:0000918 purine nucleoside monophosphate metabolic 34 13 3.77 290e-66 0.00020 GO:0000919 ribonucleoside monophosphate metabolic p 35 13 3.88 4.10e-05 0.00020 GO:00009117 nucleoside monophosphate metabolic process 40 14 4.34 4.50e-05 0.00020 GO:00009117 nucleoside monophosphate metabolic process 41 13 3.37 5.0e-06 0.00032 GO:00009123 nucleoside monophosphate metabolic proces 42 13 3.39 5.0e-05 0.00032 GO:00009123 nucleoside monophosphate metabolic proces 43 13 3.39 5.0e-05 0.00032 GO:00009123 nucleoside monophosphate metabolic proces 46 5 0.07 8.70e-05 0.00034 GO:00009124 microtubule-based movement 48 13 4.21 1.0e-04 0.0004 GO:0000913 microtubule-based movement 49 13 4.22 1.50e-04 0.0004 GO:0000913 culceoside metabolic process 40 14 5.10 1.50e-04 0.0004 GO:0000913 culceoside metabolic process 41 14 5.10 2.50e-04 0.0008 GO:0000914 microtubule-based movement 40 14 5.10 2.50e-04 0.0008 GO:0000916 nucleoside metabolic process 40 14 5.10 2.50e-04 0.0008 GO:0000916 nucleoside metabolic process 40 14 5.10 2.50e-04 0.0008 GO:0000916 nucleoside metabolic process 40 14 5.10 2.50e-04 0.0008 GO:0000916 purcleoside derivative metabolic process 40 14 5.10 2.50e-04 0.0008 GO:0000910 nucleoside metabolic process 5 4 0.55 6.70e-04 0.0008 GO:0000910 nucleoside metabolic process 5 4 0.55 6.70e-04 0.0008 GO:0000910 nucleoside metabolic process 5 4 0.55 6.70e-04 0.0018 GO:0000911 response to wounding 5 4 0.55 6.70e-04 0.0018 GO:0000911 response to wounding 5 4 0.55 6.70e-04 0.0018 GO:0000911 response to wounding 5 4 0.55 6.70e-04 0.0018 GO:0000911 response to wounding 5 4 0.55 6.70e-04 0.0018 GO:0000911 response to wounding 5 4 0.55 6.70e-04 0.0018 GO:0000911 response to wounding 6 0.0000911 response to wound healaholic process 6 4 0.67 1.83e-03 0.0004 GO:0000910 response to wound healaholic process 6 4 0.67 1.83e-03 0.0004 GO:0000910 response to wound h	GO:0019693	ribose phosphate metabolic process	42	15	4.66	1.80e-05	0.0001
GO:0009167 purine ribonucleoside monophosphate metabolit	GO:0009259	ribonucleotide metabolic process	38	14	4.21	2.30e-05	0.0002
GO:0009167 purine ribonucleoside monophosphate metal	GO:0007017	microtubule-based process	48	16	5.32	2.50e-05	0.0002
GO.0009161 inbonucleoside monophosphate metabolic p	GO:0009126	purine nucleoside monophosphate metaboli	34	13	3.77	2.90e-05	0.0002
CO-0009119 ribonucleoside metabolic process 56 17 6.21 5.50e-05 0.0003	GO:0009167	purine ribonucleoside monophosphate meta	34	13	3.77	2.90e-05	0.0002
GC:0009117 nucleotide metabolic process 56 17 6.21 5.50e-05 0.0003 (C0:0009123 nucleoside monophosphate metabolic proces. 36 13 3.99 5.00e-05 0.0003 (C0:00092701 multicellular organismal process 6 5 0.07 8.70e-05 0.0004 (C0:0004707 single-multicellular organismal process 6 5 0.07 8.70e-05 0.0004 (C0:0004707 single-multicellular organismal process 6 5 0.07 8.70e-05 0.0004 (C0:00097018 microtubule-based movement 38 13 4.21 1.10e-04 0.0004 (C0:0004763 nucleoside phosphate metabolic process 59 17 6.54 1.10e-04 0.0004 (C0:0004763 single-organism carbohydrate metabolic process 79 13 4.32 1.50e-04 0.0006 (C0:0004723 single-organism carbohydrate metabolic process 78 20 8.65 1.70e-04 0.0006 (C0:0004723 single-organism carbohydrate metabolic process 46 14 5.10 2.50e-04 0.0009 (C0:0009116 nucleoside metabolic process 46 14 5.10 2.50e-04 0.0009 (C0:0009016) (C0:0009016) (C0:0009016) (C0:0009016) (C0:00009016) (C0:00009016) (C0:00009016) (C0:00009016) (C0:00009002) (C0:00009002) (C0:000090002) (C0:000090002) (C0:000090000000000000000000000000000000	GO:0009161	ribonucleoside monophosphate metabolic p	35	13	3.88	4.10e-05	0.0002
GO:0003123 nucleoside monophosphate metabolic process	GO:0009119	ribonucleoside metabolic process	40	14	4.43	4.50e-05	0.0002
GO:0032501 multicellular organismal process 6 5 0.67 8.70e-05 0.0004 GO:0044707 single-multicellular organism process 6 5 0.67 8.70e-05 0.0004 GO:0007018 microtubule-based movement 38 13 4.21 1.10e-04 0.0004 GO:0007018 microtubule-based movement 38 13 4.21 1.10e-04 0.0004 GO:0007018 microtubule-based movement 38 13 4.21 1.0e-04 0.0004 GO:0007019 microtubule-based movement 38 13 4.21 1.0e-04 0.0004 GO:0007019 microtubule-based movement 38 13 4.21 1.0e-04 0.0006 GO:0007019 microtubule-based movement 38 13 4.22 1.00e-04 0.0006 GO:0007115 microtubule-based metabolic process 59 17 6.54 1.10e-04 0.0006 GO:0007116 microtubule-based process 46 14 5.10 2.50e-04 0.0009 GO:00071657 glycosyl compound metabolic process 46 14 5.10 2.50e-04 0.0009 GO:0006022 aminoglycan metabolic process 5 4 0.55 6.70e-04 0.0008 GO:0006022 aminoglycan metabolic process 5 4 0.55 6.70e-04 0.0018 GO:0007596 blood coagulation 5 4 0.55 6.70e-04 0.0018 GO:0007599 hemostasis 5 4 0.55 6.70e-04 0.0018 GO:0009611 response to wounding 5 4 0.55 6.70e-04 0.0018 GO:0009611 response to wounding 5 4 0.55 6.70e-04 0.0018 GO:00058817 cagulation 5 4 0.55 6.70e-04 0.0018 GO:00058817 cagulation 5 4 0.55 6.70e-04 0.0018 GO:00058817 regulation 5 4 0.55 6.70e-04 0.0018 GO:00058081 regulation 5 4 0.55 6.70e-04 0.0018 GO:00058081 regulation 5 4 0.55 6.70e-04 0.0018 GO:0006040 microtubule-based process 667 94 73.93 9.60e-04 0.0025 GO:0006040 microtubule-based process 667 94 73.93 9.60e-04 0.0025 GO:0006060 microtubule-based process 667 94 73.93 9.60e-04 0.0034 GO:0006060 microtubule-based process 66 4 0.67 1.83e-03 0.0040 GO:0006060 microtubule-based process 66 4 0.67 1.83e-03 0.0045 GO:0006060 microtubule-based process 66 9 0.60 0.60 0.60 0 0.00 0.00 0 0.00 0	GO:0009117	nucleotide metabolic process	56	17	6.21	5.50e-05	0.0003
GO:0044707 single-multicellular organism process 6 5 0.67 8.70e-05 0.0004 GO:0007018 microtubule-based movement 38 13 4.21 1.10e-04 0.0004 GO:0006753 nucleoside phosphate metabolic process 59 17 6.54 1.10e-04 0.0004 GO:004723 single-organism carbohydrate metabolic process 39 13 4.32 1.50e-04 0.0006 GO:004723 single-organism carbohydrate metabolic process. 78 20 8.65 1.70e-04 0.0006 GO:0009116 nucleoside metabolic process 46 14 5.10 2.50e-04 0.0006 GO:0009116 process 46 14 5.10 2.50e-04 0.0009 GO:000912 aminoglycan metabolic process 46 14 5.10 2.50e-04 0.0009 GO:000602 aminoglycan metabolic process 5 4 0.55 6.70e-04 0.0018 GO:0006030 chitin metabolic process 5 4 0.55 6.70e-04 0.0018 GO:0007599 hamostasis 5 4 0.55 6.70e-04 0.0018 GO:0007599 hamostasis 5 4 0.55 6.70e-04 0.0018 GO:0007599 hamostasis 5 4 0.55 6.70e-04 0.0018 GO:00050811 response to wounding 5 4 0.55 6.70e-04 0.0018 GO:00050817 casgulation 5 1 4 0.55 6.70e-04 0.0018 GO:00050817 casgulation 5 1 4 0.55 6.70e-04 0.0018 GO:00050817 casgulation 5 4 0.55 6.70e-04 0.0018 GO:00050817 casgulation 5 4 0.55 6.70e-04 0.0018 GO:0006089 nucleobase-containing small molecule met 71 17 7.87 1.88 1.36e-03 0.0032 GO:00060891 nucleoside diphosphate phosphorylation 17 7 1.88 1.36e-03 0.0032 GO:00060891 generation of procursor metabolitics and 27 9 2.99 1.65e-03 0.0045 GO:00060891 privine ribonucleoside diphosphate metabolic process 6 4 0.67 1.83e-03 0.0043 GO:00060891 privine ribonucleoside diphosphate metabolic process 14 6 1.55 2.40e-03 0.0045 GO:00060891 privine ribonucleoside diphosphate metabolic process 14 6 1.55 2.40e-03 0.0045 GO:0006091 privine ribonucleoside diphosphate metabolic process 14 6 1.55 2.40e-03 0.0045 GO:0006193 prurine ribonucleoside diphosph	GO:0009123	nucleoside monophosphate metabolic proce	36	13	3.99	5.80e-05	0.0003
GO:0007018 microtubule-based movement 38 13 4.21 1.10e-04 0.0004 GO:0006753 nucleoside phosphate metabolic process 59 17 6.54 1.10e-04 0.0006 GO:0006753 nucleoside phosphate metabolic process 59 17 6.54 1.10e-04 0.0006 GO:00061135 carbohydrate derivative metabolic process 78 20 8.65 1.70e-04 0.0006 GO:1901135 carbohydrate derivative metabolic process 46 14 5.10 2.50e-04 0.0006 GO:1901657 glycosyl compound metabolic process 46 14 5.10 2.50e-04 0.0009 GO:0006022 aminoglycan metabolic process 5 4 0.55 6.70e-04 0.0018 GO:0006030 chitin metabolic process 5 4 0.55 6.70e-04 0.0018 GO:0007696 blood coagulation 5 4 0.55 6.70e-04 0.0018 GO:0007696 blood coagulation 5 4 0.55 6.70e-04 0.0018 GO:0007699 hemostasis 5 4 0.55 6.70e-04 0.0018 GO:0007699 hemostasis 5 4 0.55 6.70e-04 0.0018 GO:0007699 hemostasis 5 4 0.55 6.70e-04 0.0018 GO:0007691 response to wounding 5 4 0.55 6.70e-04 0.0018 GO:0007691 response to wounding 5 4 0.55 6.70e-04 0.0018 GO:0006011 response to wounding 5 4 0.55 6.70e-04 0.0018 GO:0006011 response to wounding 5 4 0.55 6.70e-04 0.0018 GO:0006011 response to wounding 5 4 0.55 6.70e-04 0.0018 GO:0006011 response to wounding 5 4 0.55 6.70e-04 0.0018 GO:0006011 response to wounding 5 4 0.55 6.70e-04 0.0018 GO:0006016 response to wounding 5 4 0.55 6.70e-04 0.0018 GO:0006016 response process 667 94 73.93 9.60e-04 0.0026 GO:0006016 response process 667 94 73.93 9.60e-04 0.0026 GO:0006016 response process 667 94 73.93 9.60e-04 0.0026 GO:0006016 response process 6 4 0.67 18.8e-03 0.0034 GO:0006016 response process 6 4 0.67 18.8e-03 0.0034 GO:0006016 response process 6 4 0.67 18.8e-03 0.0034 GO:0006016 response process 6 4 0.67 18.8e-03 0.0046 GO:0006019 amino sugar metabolic process 6 4 0.67 18.8e-03 0.0046 GO:0006019 amino sugar metabolic process 6 4 0.67 18.8e-03 0.0046 GO:0006019 response process 6 4 0	GO:0032501		6	5	0.67	8.70e-05	0.0004
GO.0006753 nucleoside phosphate metabolic process 59 17 6.54 1.10e-04 0.0004 GO.0044723 single-organism carbohydrate metabolic process. 78 20 8.65 1.70e-04 0.0006 GO.1901135 carbohydrate derivative metabolic process. 78 20 8.65 1.70e-04 0.0006 GO.0009116 nucleoside metabolic process 46 14 5.10 2.50e-04 0.0009 GO.19011657 glycosyl compound metabolic process 46 14 5.10 2.50e-04 0.0009 GO.19011657 glycosyl compound metabolic process 5 4 0.55 6.70e-04 0.0009 GO.0006022 aminoglycan metabolic process 5 4 0.55 6.70e-04 0.0018 GO.0006030 chitin metabolic process 5 4 0.55 6.70e-04 0.0018 GO.0006030 chitin metabolic process 5 4 0.55 6.70e-04 0.0018 GO.0006759 hemostasis 5 4 0.55 6.70e-04 0.0018 GO.0007599 hemostasis 5 4 0.55 6.70e-04 0.0018 GO.0009611 response to wounding 5 4 0.55 6.70e-04 0.0018 GO.00050817 coagulation 5 4 0.55 6.70e-04 0.0018 GO.00050817 coagulation 5 4 0.55 6.70e-04 0.0018 GO.00050817 coagulation 5 4 0.55 6.70e-04 0.0018 GO.0005087 regulation of body fluid levels 5 4 0.55 6.70e-04 0.0018 GO.0005087 regulation of body fluid levels 5 4 0.55 6.70e-04 0.0018 GO.0005087 regulation of body fluid levels 5 4 0.55 6.70e-04 0.0018 GO.0005087 regulation of body fluid levels 5 4 0.55 6.70e-04 0.0018 GO.0005087 regulation of body fluid levels 5 4 0.55 6.70e-04 0.0018 GO.0006091 generation of precursor metabolites and 27 9 2.99 1.65e-03 0.0032 GO.0006091 generation of precursor metabolites and 27 9 2.99 1.65e-03 0.0040 GO.0006091 generation of precursor metabolites and 27 9 2.99 1.65e-03 0.0040 GO.0006091 generation of precursor metabolites and 27 9 2.99 1.65e-03 0.0040 GO.0006091 generation of precursor metabolites and 27 9 2.99 1.65e-03 0.0040 GO.0006091 generation of precursor metabolites and 27 9 2.99 1.65e-03 0.0045 GO.0006090 gyrupate metabolic process 6 4 0.67 1.83e-03 0.0045 GO.0006090 gyrupate metabolic process 14 6 1.55 2.40e-03 0.0045 GO.0006090 gyrupate metabolic process 14 6 1.55 2.40e-03 0.0045 GO.0006090 gyrupate metabolic process 14 6 1.55 2.40e-03 0.0045 GO.0006090 gyrupate	GO:0044707	single-multicellular organism process	6	5	0.67	8.70e-05	0.0004
GO:0044723 single-organism carbohydrate metabolic p 39 13 4.32 1.50e-04 0.0006 GO:1901135 carbohydrate derivative metabolic process. 78 20 8.65 1.70e-04 0.0006 GO:0009116 nucleoside metabolic process 46 14 5.10 2.50e-04 0.0009 GO:0009116 pycosy compound metabolic process 46 14 5.10 2.50e-04 0.0009 GO:0006022 aminoglycan metabolic process 5 4 0.55 8.70e-04 0.0018 GO:0006030 chitin metabolic process 5 4 0.55 8.70e-04 0.0018 GO:0007596 blood coagulation 5 4 0.55 8.70e-04 0.0018 GO:0007596 blood coagulation 5 4 0.55 8.70e-04 0.0018 GO:0007599 hemostasis 5 4 0.55 8.70e-04 0.0018 GO:0007699 hemostasis 5 4 0.55 8.70e-04 0.0018 GO:0007699 hemostasis 5 4 0.55 8.70e-04 0.0018 GO:0007699 response to wounding 5 4 0.55 8.70e-04 0.0018 GO:0050817 coagulation 5 4 0.55 8.70e-04 0.0018 GO:0050818 regulation of body fluid levels 5 4 0.55 8.70e-04 0.0018 GO:0050818 regulation of body fluid levels 5 4 0.55 8.70e-04 0.0018 GO:0050818 regulation of body fluid levels 5 4 0.55 8.70e-04 0.0018 GO:0050818 regulation of procursor metabolities and 71 17 7.87 1.26e-03 0.0034 GO:0006168 mucleoside oflosposhate phasphorylation 17 7 1.88 1.36e-03 0.0034 GO:0006168 mucleoside oflosposhate phasphorylation 17 7 1.88 1.36e-03 0.0034 GO:0006169 generation of precursor metabolitic process 6 4 0.67 1.83e-03 0.0045 GO:000767 ATP generation from ADP 14 6 1.55 2.40e-03 0.0045 GO:0007677 ATP generation from ADP 14 6 1.55 2.40e-03 0.0045 GO:0007677 ATP generation from ADP 14 6 1.55 2.40e-03 0.0045 GO:0007677 ATP generation from ADP 14 6 1.55 2.40e-03 0.0045 GO:0007679 purine ribonucleoside diphosphate metabolic process 14 6 1.55 2.40e-03 0.0045 GO:0007677 ATP generation from ADP 14 6 1.55 2.40e-03 0.0045 GO:0007677 ATP generation from ADP 14 6 1.55 2.40e-03 0.0045 GO:0007679 purine ribonucleoside diphosphate metabolic process 14 6 1.55 2.40e-03 0.0045 GO:0007679 purine ribonucleoside diphosphate metabolic	GO:0007018	microtubule-based movement	38	13	4.21	1.10e-04	0.0004
GO:1901135 carborhydrate derivative metabolic process. 78 20 8.65 1.70e-04 0.0006 GO:0009116 nucleoside metabolic process 46 14 5.10 2.50e-04 0.0009 GO:0901657 glycosyl compound metabolic process 5 4 0.55 6.70e-04 0.0009 GO:0006022 aminoglycan metabolic process 5 4 0.55 6.70e-04 0.0018 GO:0006030 chitin metabolic process 5 4 0.55 6.70e-04 0.0018 GO:0007596 blood coagulation 5 4 0.55 6.70e-04 0.0018 GO:0007599 hemostasis 5 4 0.55 6.70e-04 0.0018 GO:0008017 coagulation 5 4 0.55 6.70e-04 0.0018 GO:0006018 incleoside diphosphate phosphorylation 17 7 1.88 1.36e-03 0.0032 GO:00060165 nucleoside diphosphate phosphorylation 17 7 1.88 1.36e-03 0.0032 GO:00060165 nucleoside diphosphate phosphorylation 17 7 1.88 1.36e-03 0.0040 GO:0006040 amino sugar metabolic process 6 4 0.67 1.83e-03 0.0043 GO:0006091 glucosamine-containing compound metaboli 6 4 0.67 1.83e-03 0.0043 GO:0006093 nucleotide phosphorylation 18 7 2.00 2.01e-03 0.0045 GO:0006093 piccentaining compound metabolic 14 6 1.55 2.40e-03 0.0045 GO:0006093 piccentaining compound metabolic 14 6 1.55 2.40e-03 0.0045 GO:0006093 piccentaining compound metabolic 14 6 1.55 2.40e-03 0.0045 GO:0006093 piccentaining compound metabolic 14 6 1.55 2.40e-03 0.0045 GO:0006093 piccentaining compound metabolic 14 6 1.55 2.40e-03 0.0045 GO:0006093 piccentaining compound metabolic 14 6 1.55 2.40e-03 0.0045 GO:0006093 piccentaining compound metabolic 14 6 1.55 2.40e-03 0.0045 GO:0006093 piccentaining compound metabolic 14 6 1.55 2.40e-03 0.0045 GO:0	GO:0006753	nucleoside phosphate metabolic process	59	17	6.54	1.10e-04	0.0004
GO:0009116 rucleoside metabolic process 46 14 5.10 2.50e-04 0.0009 GO:1901657 glycosyl compound metabolic process 46 14 5.10 2.50e-04 0.0009 GO:0006022 aminoglycan metabolic process 5 4 0.55 6.70e-04 0.0018 GO:0006022 aminoglycan metabolic process 5 4 0.55 6.70e-04 0.0018 GO:0006030 chitin metabolic process 5 4 0.55 6.70e-04 0.0018 GO:0007596 blood coagulation 5 4 0.55 6.70e-04 0.0018 GO:0007599 hemostasis 5 4 0.55 6.70e-04 0.0018 GO:0007599 hemostasis 5 4 0.55 6.70e-04 0.0018 GO:0009611 response to wounding 5 4 0.55 6.70e-04 0.0018 GO:0009611 response to wounding 5 4 0.55 6.70e-04 0.0018 GO:0009617 coagulation 5 4 0.55 6.70e-04 0.0018 GO:00050878 regulation of body fluid levels 5 4 0.55 6.70e-04 0.0018 GO:00050878 regulation of body fluid levels 5 4 0.55 6.70e-04 0.0018 GO:00046699 single-organism process 667 94 73.93 9.60e-04 0.0025 GO:00050866 nucleoside diphosphate phosphorylation 17 7 1.88 1.36e-03 0.0034 GO:0006091 generation of precursor metabolites and 27 9 2.99 1.65e-03 0.0034 GO:0006091 generation of precursor metabolic process 66 4 0.67 1.83e-03 0.0043 GO:0006094 amino sugar metabolic process 66 4 0.67 1.83e-03 0.0043 GO:0006093 nucleotide phosphorylation 18 7 2.00 2.01e-03 0.0045 GO:0006096 glycolytic process 14 6 1.55 2.40e-03 0.0045 GO:0006096 glycolytic process 14 6 1.55 2.40e-03 0.0045 GO:0006096 glycolytic process 14 6 1.55 2.40e-03 0.0045 GO:0006096 purine nucleoside diphosphate metabolic 14 6 1.55 2.40e-03 0.0045 GO:0009185 purine nucleoside diphosphate metabolic 14 6 1.55 2.40e-03 0.0045 GO:0009185 purine nucleoside diphosphate metabolic process 14 6 1.55 2.40e-03 0.0045 GO:0009185 purine nucleoside diphosphate metabolic process 14 6 1.55 2.40e-03 0.0045 GO:0009185 purine nucleoside diphosphate metabolic process 19 7 2.21 4.0e-03 0.0045 GO:0009182 purine rucleoside diphosphate metabolic process 19 7 2.22 4.0e-03 0.0045 GO:0006090 pruvate metabolic process 15 6 1.66 3.63e-03 0.0066 GO:0009132 private metabolic process 15 6 1.66 3.63e-03 0.0066 GO:0009132 private metabolic process	GO:0044723		39	13	4.32	1.50e-04	0.0006
GO:1901657 glycosyl compound metabolic process 46 14 5.10 2.50e-04 0.0009 GO:0006022 aminoglycan metabolic process 5 4 0.55 6.70e-04 0.0018 GO:0006030 chitin metabolic process 5 4 0.55 6.70e-04 0.0018 GO:0007599 blood coagulation 5 4 0.55 6.70e-04 0.0018 GO:0007599 hemostasis 5 4 0.55 6.70e-04 0.0018 GO:0007599 hemostasis 5 4 0.55 6.70e-04 0.0018 GO:00042060 wound healing 5 4 0.55 6.70e-04 0.0018 GO:00042060 wound healing 5 4 0.55 6.70e-04 0.0018 GO:00042060 wound healing 5 4 0.55 6.70e-04 0.0018 GO:0008017 coagulation 5 4 0.55 6.70e-04 0.0018 GO:0050817 coagulation 5 4 0.55 6.70e-04 0.0018 GO:0050817 coagulation 5 4 0.55 6.70e-04 0.0018 GO:0050817 regulation of body fluid levels 5 4 0.55 6.70e-04 0.0018 GO:0050818 regulation of body fluid levels 5 4 0.55 6.70e-04 0.0018 GO:0050818 regulation of body fluid levels 5 4 0.55 6.70e-04 0.0018 GO:0046899 single-organism process 667 94 73.93 9.60e-04 0.0025 GO:00505086 nucleobase-containing small molecule met 71 17 7.87 1.26e-03 0.0032 GO:00060165 nucleoside diphosphate phosphorylation 17 7 1.88 1.38e-03 0.0034 GO:0006040 amino sugar metabolic process 6 4 0.67 1.83e-03 0.0044 GO:0006040 amino sugar metabolic process 6 4 0.67 1.83e-03 0.0043 GO:0006040 amino sugar metabolic process 6 4 0.67 1.83e-03 0.0045 GO:0006096 glycolytic process 14 6 1.55 2.40e-03 0.0045 GO:0006096 glycolytic process 14 6 1.55 2.40e-03 0.0045 GO:0006096 glycolytic process 14 6 1.55 2.40e-03 0.0045 GO:0006077 ATP generation from ADP 14 6 1.55 2.40e-03 0.0045 GO:0009179 purine ribonucleoside diphosphate metabolic 14 6 1.55 2.40e-03 0.0045 GO:0009179 purine ribonucleoside diphosphate metabolic 14 6 1.55 2.40e-03 0.0045 GO:0009179 purine ribonucleoside diphosphate metabolic process 14 6 1.55 2.40e-03 0.0045 GO:0009179 purine ribonucleoside diphosphate metabolic process 14 6 1.55 2.40e-03 0.0045 GO:0006090 pyruvate metabolic process 15 6 1.66 3.63e-03 0.0045 GO:0006090 pyruvate metabolic process 17 7 2.22 4.00e-03 0.0045 GO:0006090 pyruvate metabolic process 19 7 2.22 4.00e-03 0.0045 GO:00	GO:1901135	carbohydrate derivative metabolic proces	78	20	8.65	1.70e-04	0.0006
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GO:0006733 oxidoreduction coenzyme metabolic proces 21 7 2.33 5.50e-03 0.0093 GO:0051186 cofactor metabolic process 38 10 4.21 6.43e-03 0.0105 GO:0065008 regulation of biological quality 38 10 4.21 6.43e-03 0.0105 GO:0009142 nucleoside triphosphate biosynthetic pro 13 5 1.44 9.70e-03 0.0149 GO:0009145 purine nucleoside triphosphate biosynthe 13 5 1.44 9.70e-03 0.0149 GO:0009201 ribonucleoside triphosphate biosynthetic 13 5 1.44 9.70e-03 0.0149	GO:0046496	nicotinamide nucleotide metabolic proces	20	7	2.22	4.04e-03	0.0070
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GO:0009145 purine nucleoside triphosphate biosynthe 13 5 1.44 9.70e–03 0.0149 GO:0009201 ribonucleoside triphosphate biosynthetic 13 5 1.44 9.70e–03 0.0149	GO:0065008	regulation of biological quality	38	10	4.21	6.43e-03	0.0105
GO:0009201 ribonucleoside triphosphate biosynthetic 13 5 1.44 9.70e–03 0.0149	GO:0009142	nucleoside triphosphate biosynthetic pro	13	5	1.44	9.70e-03	0.0149
	GO:0009145	purine nucleoside triphosphate biosynthe	13	5	1.44	9.70e-03	0.0149
GO:0009206 purine ribonucleoside triphosphate biosy 13 5 1.44 9.70e–03 0.0149	GO:0009201	ribonucleoside triphosphate biosynthetic	13	5	1.44	9.70e-03	0.0149
	GO:0009206	purine ribonucleoside triphosphate biosy	13	5	1.44	9.70e-03	0.0149