

domestic
laguna
mv6
mv6

| Table S6: KEGG module coverage by water sample | |
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| pathway | name |
| map00010 | Glycolysis / Gluconeogenesis |
| map00020 | Citrate cycle (TCA cycle) |
| map00030 | Pentose phosphate pathway |
| map00040 | Pentose and glucuronate interconversions |
| map00051 | Fruuctose and mannose metabolism |
| map00052 | Galactose metabolism |
| map00053 | Ascorbate and aldarate metabolism |
| map00061 | Fatty acid biosynthesis |
| map00062 | Fatty acid elongation |
| map00071 | Fatty acid metabolism |
| map00072 | Synthesis and degradation of ketone bodies |
| map00100 | Steroid biosynthesis |
| map00120 | Primary bile acid biosynthesis |
| map00130 | Ubiquinone and other terpenoid-quinone bi... |
| map00140 | Steroid hormone biosynthesis |
| map00190 | Oxidative phosphorylation |
| map00240 | Pyrimidine metabolism |
| map00250 | Alanine, aspartate and glutamate metab... |
| map00260 | Glycine, serine and threonine metabolism |
| map00270 | Cysteine and methionine metabolism |
| map00280 | Valine, leucine and isoleucine degradation |
| map00290 | Valine, leucine and isoleucine biosynthesis |
| map00300 | Lysine biosynthesis |
| map00310 | Lysine degradation |
| map00311 | Penicillin and cephalosporin biosynthesis |
| map00330 | Arginine and proline metabolism |
| map00331 | Clavulanic acid biosynthesis |
| map00332 | Carbapenem biosynthesis |
| map00340 | Histidine metabolism |
| map00350 | Tyrosine metabolism |
| map00360 | Phenylalanine metabolism |
| map00362 | Benzocate degradation |
| map00380 | Tryptophan metabolism |
| map00400 | Phenylalanine, tyrosine and tryptophan bio... |
| map00401 | Methylketone metabolism |
| map00402 | Ether lipid metabolism |
| map00403 | alpha-Hydrocarbon metabolism |
| map00406 | Sphingolipid metabolism |
| map00407 | Pathogenic Escherichia coli infection |
| map00411 | Cell cycle-yeast |
| map00414 | Protein processing in endoplasmic reticulum |
| map00415 | PI3K-Akt signaling pathway |
| map00416 | Apoptosis |
| map00419 | Wnt signaling pathway |
| map00420 | Notch signaling pathway |
| map00421 | Hedgehog signaling pathway |
| map00422 | TGF-beta signaling pathway |
| map00423 | Hippo signaling pathway - fly |
| map00424 | cAMP-MPKK signaling pathway |
| map00425 | NF-kappaB signaling pathway |
| map00426 | FoxO signaling pathway |
| map00427 | Ceil cycle |
| map00430 | RNA polymerase |
| map00431 | mRNA surveillance pathway |
| map00432 | mRNA degradation |
| map00433 | Terpenoid backbone biosynthesis |
| map00434 | Non-homologous end-joining |
| map00435 | Fancn anemia pathway |
| map00436 | MAPK signaling pathway |
| map00437 | MAPK signaling pathway - yeast |
| map00438 | MAPK signaling pathway - fly |
| map00439 | Glycosphingolipid biosynthesis - lacto and ... |
| map00440 | Glycosphingolipid biosynthesis - globo series |
| map00441 | Dioxin degradation |
| map00442 | Xylene degradation |
| map00443 | Toluene degradation |
| map00444 | Polycyclic aromatic hydrocarbon degradation |
| map00445 | Naphthalene degradation |
| map00446 | Naphthalene degradation, arachidic acid |
| map00447 | Naphthalene degradation, benzo(a)anthracene |
| map00448 | Naphthalene degradation, benzo(a)pyrene |
| map00449 | Naphthalene degradation, dibenz(a,h)anthracene |
| map00450 | Naphthalene degradation, dibenz(a,h)anthracene, dibenz(a,i)anthracene |
| map00451 | Naphthalene degradation, dibenz(a,i)anthracene |
| map00452 | Naphthalene degradation, dibenz(a,i)anthracene, dibenz(a,h)anthracene |
| map00453 | Naphthalene degradation, dibenz(a,h)anthracene, dibenz(a,i)anthracene |
| map00454 | Naphthalene degradation, dibenz(a,i)anthracene, dibenz(a,h)anthracene |
| map00455 | Naphthalene degradation, dibenz(a,i)anthracene, dibenz(a,h)anthracene, dibenz(a,g)anthracene |
| map00456 | Naphthalene degradation, dibenz(a,g)anthracene |
| map00457 | Naphthalene degradation, dibenz(a,g)anthracene, dibenz(a,i)anthracene |
| map00458 | Naphthalene degradation, dibenz(a,i)anthracene, dibenz(a,g)anthracene |
| map00459 | Naphthalene degradation, dibenz(a,g)anthracene, dibenz(a,i)anthracene, dibenz(a,h)anthracene |
| map00460 | Naphthalene degradation, dibenz(a,h)anthracene |
| map00461 | Naphthalene degradation, dibenz(a,h)anthracene, dibenz(a,i)anthracene |
| map00462 | Naphthalene degradation, dibenz(a,i)anthracene |
| map00463 | Naphthalene degradation, dibenz(a,g)anthracene |
| map00464 | Naphthalene degradation, dibenz(a,g)anthracene, dibenz(a,i)anthracene |
| map00465 | Naphthalene degradation, dibenz(a,i)anthracene |
| map00466 | Naphthalene degradation, dibenz(a,g)anthracene, dibenz(a,i)anthracene |
| map00467 | Naphthalene degradation, dibenz(a,g)anthracene, dibenz(a,i)anthracene, dibenz(a,h)anthracene |
| map00468 | Methane metabolism |
| map00470 | Carbon fixation in photosynthetic organisms |
| map00474 | Riboflavin metabolism |
| map00475 | Vitamin B6 metabolism |
| map00476 | Nicotinate and nicotinamide metabolism |
| map00477 | Pantothenate and CoA biosynthesis |
| map00478 | Biotin metabolism |
| map00479 | Folate biosynthesis |
| map00480 | Porphyrin and chlorophyll metabolism |
| map00490 | Terpenoid backbone biosynthesis |
| map00491 | Flavonoid biosynthesis |
| map00492 | Gluconosidase biosynthesis |
| map00493 | Aminoacyl-tRNA biosynthesis |
| map00494 | Carbon metabolism |
| map00495 | Base excision repair |
| map00496 | Nucleotide excision repair |
| map00497 | Non-homologous end-joining |
| map00498 | Fanconi anemia pathway |
| map00499 | Huntington's disease |
| map00500 | Vinyl chloride pathogenicity |
| map00501 | Epithelial cell signaling in Helicobacter pylori |
| map00502 | Pathogenic Escherichia coli infection |
| map00503 | Ribosome biogenesis in eukaryotes |
| map00504 | mRNA surveillance pathway |
| map00505 | mRNA degradation |
| map00506 | RNA degradation |
| map00507 | DNA replication |
| map00508 | Protein export |
| map00509 | Bacterial secretion system |
| map00510 | Two-component system |
| map00511 | Pantothenate and CoA biosynthesis |
| map00512 | Biotin metabolism |
| map00513 | O-Glycan biosynthesis |
| map00514 | High-mannose type N-glycan biosynthesis |
| map00520 | Amino sugar and nucleotide sugar metab... |
| map00521 | Biosynthesis of amino acids |
| map00522 | beta-Lactam resistance |
| map00523 | ABC transporters |
| map00524 | Spliceosome |
| map00525 | Protein processing in endoplasmic reticulum |
| map00526 | Protein folding, dislocation and retrieval |
| map00527 | Protein targeting, localization and retention |
| map00528 | Protein ubiquitination |
| map00529 | Protein modification by ubiquitin |
| map00530 | Protein phosphorylation |
| map00531 | Protein ubiquitination |
| map00532 | Protein ubiquitination, neddylation |
| map00533 | Protein ubiquitination, sumoylation |
| map00534 | Protein ubiquitination, neddylation, sumoylation |
| map00535 | Protein ubiquitination, neddylation, sumoylation, monoubiquitination |
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| map00 | |