

# Metagenomics based discovery...

3X increase in size of the tree of life, including 10,928 new viruses  
(vs. JGI/NCVBI)

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Recovery of nearly 8,000 metagenome-assembled genomes substantially expands the tree of life

 Cell

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A global metagenomic map of urban microbiomes and antimicrobial resistance

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and >800K new CRISPR arrays

