

Systematic prediction of genes functionally linked to CRISPR-Cas systems by gene neighborhood analysis

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SUPPORTING INFORMATION FILES (available via ftp)

Supporting Information File 1. Genome neighborhoods of all baits (CRISPR arrays, effector genes and adaptation genes)

Islands.tar.gz at ftp://ftp.ncbi.nlm.nih.gov/pub/wolf/_suppl/CRISPRicity

Supporting Information File 2. Multiple sequence alignments (profiles) for CRISPR-Cas accessory genes

NewProfiles.tar.gz at ftp://ftp.ncbi.nlm.nih.gov/pub/wolf/_suppl/CRISPRicity

Supporting Information File 3. List of sequence alignments (profiles) for CRISPR-Cas accessory genes

icity-profiles.xlsx at ftp://ftp.ncbi.nlm.nih.gov/pub/wolf/_suppl/CRISPRicity

Supporting Information File 4. Phylogenetic analysis of STAND NTPase family

STAND.tar.gz at ftp://ftp.ncbi.nlm.nih.gov/pub/wolf/_suppl/CRISPRicity (tree in Newick format, sequences in FASTA format)

Supporting Information File 5. Phylogenetic analysis of CysH family

CysH.tar.gz at ftp://ftp.ncbi.nlm.nih.gov/pub/wolf/_suppl/CRISPRicity (tree in Newick format, sequences in FASTA format)

Supporting Information File 6. Phylogenetic analysis of CRISPR-Cas associated RTs

RT.tar.gz at ftp://ftp.ncbi.nlm.nih.gov/pub/wolf/_suppl/CRISPRicity (tree in Newick format, sequences in FASTA format)

Supporting Information File 7. Phylogenetic analysis of CARF family

CARF.tar.gz at ftp://ftp.ncbi.nlm.nih.gov/pub/wolf/_suppl/CRISPRicity (tree in Newick format, sequences in FASTA format)

Supporting Information File 8. Phylogenetic analysis of CorA family

CorA.tar.gz at ftp://ftp.ncbi.nlm.nih.gov/pub/wolf/_suppl/CRISPRicity (tree in Newick format, sequences in FASTA format)

Supporting Information File 9. Phylogenetic analysis of Cas10 family

Cas10.tar.gz at ftp://ftp.ncbi.nlm.nih.gov/pub/wolf/_suppl/CRISPRicity (tree in Newick format, sequences in FASTA format)

Supporting Information File 10. Phylogenetic analysis of 16S rRNA

16sRRNA.tar.gz at ftp://ftp.ncbi.nlm.nih.gov/pub/wolf/_suppl/CRISPRicity (tree in Newick format, sequences in FASTA format)

