
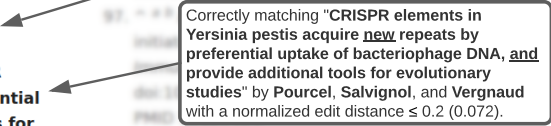

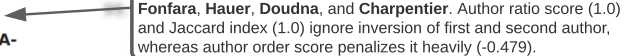


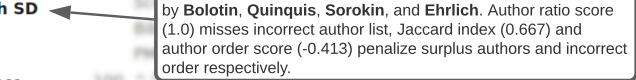
References [edit]

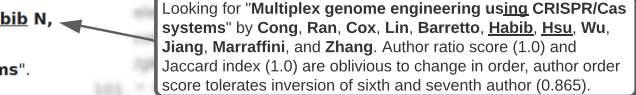
1. ^ Barrangou R, Fremaux C, Deveau H, Richards M, Boyaval P, Moineau S, et al. (March 2007). **"CRISPR provides acquired resistance against viruses in prokaryotes"**. *Science*. 315 (5819): 1709–1712. Bibcode:2007Sci...315.1709B. doi:**10.1126/science.1138140**. PMID **17379808**.


Verbatim match for "CRISPR provides acquired resistance against viruses in prokaryotes", "10.1126/science.1138140" or "17379808".
2. ^ Pourcel C, Salvignol G, Vergnaud G (March 2005). **"CRISPR elements in Yersinia pestis acquire repeats by preferential uptake of bacteriophage DNA, provide additional tools for evolutionary study"**. *Microbiology*. 151 (Pt 3): 653–663.


Correctly matching "CRISPR elements in Yersinia pestis acquire new repeats by preferential uptake of bacteriophage DNA, and provide additional tools for evolutionary studies" by Pourcel, Salvignol, and Vergnaud with a normalized edit distance ≤ 0.2 (0.072).
3. ^ Hwang WY, Fu Y, Reyon D, Maeder ML, Tsai SQ, Sander JD, Peterson RT, Yeh JR, Joung JK (March 2013). **"Efficient genome editing in zebrafish using a CRISPR-Cas system"**. *Nature Biotechnology*. 31 (3): 227–229. doi:10.1038/nbt.2501.


Incorrectly matching "Efficient genome editing in plants using a CRISPR/Cas system" by Feng, Zhang, Ding, Liu, Yang, Wei, Cao, Zhu, Zhang, Mao, and Zhu with a normalized edit distance ≤ 0.2 (0.118).
4. ^ **Chylinski K, Jinek M, Fonfara I, Hauer M, Doudna JA, Charpentier E** (August 2012). **"A programmable dual-DNA-guided RNA endonuclease in adaptive bacterial immunity"**. *Science*. 337 (6096): 816–821. PMID 22745249.


Looking for "A programmable dual-RNA-guided DNA endonuclease in adaptive bacterial immunity" by Jinek, Chylinski, Fonfara, Hauer, Doudna, and Charpentier. Author ratio score (1.0) and Jaccard index (1.0) ignore inversion of first and second author, whereas author order score penalizes it heavily (-0.479).
5. ^ **Doe J, Dae J, Bolotin A, Quinquis B, Sorokin A, Ehrlich SD** (August 2005). **"Clustered regularly interspaced short palindromic repeats (CRISPRs) have spacers of extrachromosomal origin"**. *Microbiology*. 151 (8): 2551–2561.


Looking for "Clustered regularly interspaced short palindrome repeats (CRISPRs) have spacers of extrachromosomal origin" by Bolotin, Quinquis, Sorokin, and Ehrlich. Author ratio score (1.0) misses incorrect author list, Jaccard index (0.667) and author order score (-0.413) penalize surplus authors and incorrect order respectively.
6. ^ **Cong L, Ran FA, Cox D, Lin S, Barretto R, Hsu PD, Habib N, Wu X, Jiang W, Marraffini LA, Zhang F** (February 2013). **"Multiplex genome engineering using CRISPR/Cas systems"**. *Science*. 339 (6121): 819–823. PMC 3795411.


Looking for "Multiplex genome engineering using CRISPR/Cas systems" by Cong, Ran, Cox, Lin, Barretto, Habib, Hsu, Wu, Jiang, Marraffini, and Zhang. Author ratio score (1.0) and Jaccard index (1.0) are oblivious to change in order, author order score tolerates inversion of sixth and seventh author (0.865).