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## BLAST+: architecture and applications

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2232	Analysis of an essential carotenogenic enzyme: $\beta$ -carotene desaturase from unicellular Alga <i>Dunaliella salina</i> . <b>2010</b> , 58, 11477-82		10
2231	Evolution of the RpoS regulon: origin of RpoS and the conservation of RpoS-dependent regulation in bacteria. <b>2010</b> , 70, 557-71		36
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2048	amoA-based consensus phylogeny of ammonia-oxidizing archaea and deep sequencing of amoA genes from soils of four different geographic regions. <b>2012</b> , 14, 525-39		402
2047	Accelerating pairwise statistical significance estimation for local alignment by harvesting GPU's power. <i>BMC Bioinformatics</i> , <b>2012</b> , 13 Suppl 5, S3	3.6	8
2046	Rates of evolution in stress-related genes are associated with habitat preference in two Cardamine lineages. <b>2012</b> , 12, 7		16
2045	Bin mapping of tomato diversity array (DART) markers to genomic regions of <i>Solanum lycopersicum</i> and <i>Solanum pennellii</i> introgression lines. <b>2012</b> , 124, 947-56		17
2044	Reference genomes and transcriptomes of <i>Nicotiana sylvestris</i> and <i>Nicotiana tomentosiformis</i> . <b>2013</b> , 14, R60		139
2043	Pervasive sequence patents cover the entire human genome. <b>2013</b> , 5, 27		20
2042	Aerobic methanotroph diversity in Riganqiao peatlands on the Qinghai-Tibetan Plateau. <b>2013</b> , 5, 566-74		47
2041	<i>Natronorubrum texcoconense</i> sp. nov., a haloalkaliphilic archaeon isolated from soil of the former lake Texcoco (Mexico). <b>2013</b> , 195, 145-51		14
2040	The nutrient supplying capabilities of <i>Uzinura</i> , an endosymbiont of armoured scale insects. <b>2013</b> , 15, 1988-99		32
2039	Microbial and functional diversity of a subterrestrial high pH groundwater associated to serpentinization. <b>2013</b> , 15, 1687-706		83
2038	Barley whole exome capture: a tool for genomic research in the genus <i>Hordeum</i> and beyond. <b>2013</b> , 76, 494-505		191
2037	Phylogenetic and structural analysis of major surface proteins hemagglutinin and neuraminidase of novel avian influenza virus A H7N9 from chinese patient. <b>2013</b> , 29, 934-940		2
2036	Metabolic potential of a single cell belonging to one of the most abundant lineages in freshwater bacterioplankton. <b>2013</b> , 7, 137-47		79

2035	Examples of sequence conservation analyses capture a subset of mouse long non-coding RNAs sharing homology with fish conserved genomic elements. <i>BMC Bioinformatics</i> , <b>2013</b> , 14 Suppl 7, S14	3.6	14
2034	CUDASW++ 3.0: accelerating Smith-Waterman protein database search by coupling CPU and GPU SIMD instructions. <i>BMC Bioinformatics</i> , <b>2013</b> , 14, 117	3.6	133
2033	Genome sequence-based species delimitation with confidence intervals and improved distance functions. <i>BMC Bioinformatics</i> , <b>2013</b> , 14, 60	3.6	3251
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2031	Comparative transcriptome analysis of obligately asexual and cyclically sexual rotifers reveals genes with putative functions in sexual reproduction, dormancy, and asexual egg production. <b>2013</b> , 14, 412		19
2030	Transcriptome sequencing and de novo annotation of the critically endangered Adriatic sturgeon. <b>2013</b> , 14, 407		65
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2028	Intron retention and transcript chimerism conserved across mammals: <i>Ly6g5b</i> and <i>Csnk2b-Ly6g5b</i> as examples. <b>2013</b> , 14, 199		7
2027	A RAD-based linkage map and comparative genomics in the gudgeons (genus <i>Gnathopogon</i> , Cyprinidae). <b>2013</b> , 14, 32		66
2026	Comparative genome analysis of <i>Spiroplasma melliferum</i> IPMB4A, a honeybee-associated bacterium. <b>2013</b> , 14, 22		67
2025	Metagenome analyses reveal the influence of the inoculant <i>Lactobacillus buchneri</i> CD034 on the microbial community involved in grass ensiling. <b>2013</b> , 167, 334-43		71
2024	Draft genome sequence of chickpea ( <i>Cicer arietinum</i> ) provides a resource for trait improvement. <b>2013</b> , 31, 240-6		781
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2015	Comparative species divergence across eight triplets of spiny lizards ( <i>Sceloporus</i> ) using genomic sequence data. <b>2013</b> , 5, 2410-9		26
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1328	Draft Genome Sequence of the <i>Lactobacillus mucosae</i> Strain Marseille. <b>2015</b> , 3,	4
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1321	Multilocus species trees show the recent adaptive radiation of the mimetic heliconius butterflies. <b>2015</b> , 64, 505-24	132
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1318	pXO16 from <i>Bacillus thuringiensis</i> serovar israelensis: Almost 350 kb of terra incognita. <b>2015</b> , 80, 8-15	11
1317	The evolutionary history of ferns inferred from 25 low-copy nuclear genes. <b>2015</b> , 102, 1089-107	114
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1315	Root precursors of microRNAs in wild emmer and modern wheats show major differences in response to drought stress. <b>2015</b> , 15, 587-98	88
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1300	The EMBL-EBI bioinformatics web and programmatic tools framework. <b>2015</b> , 43, W580-4	724
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1298	Dissecting the molecular signatures of apical cell-type shoot meristems from two ancient land plant lineages. <b>2015</b> , 207, 893-904	31

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