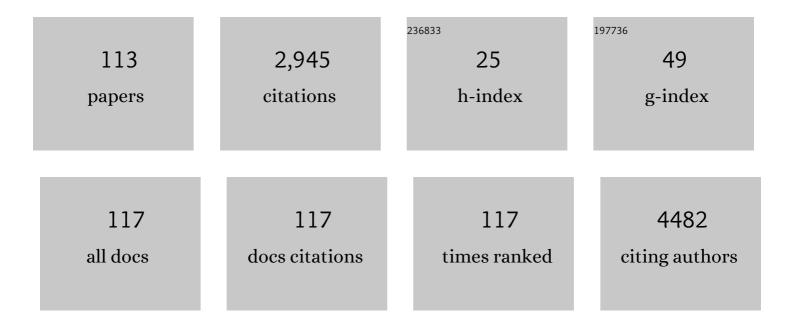
Srikrishna Subramanian

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Structural classification of zinc fingers: SURVEY AND SUMMARY. Nucleic Acids Research, 2003, 31, 532-550.	6.5	732
2	Exploration of Uncharted Regions of the Protein Universe. PLoS Biology, 2009, 7, e1000205.	2.6	123
3	CASP5 assessment of fold recognition target predictions. Proteins: Structure, Function and Bioinformatics, 2003, 53, 395-409.	1.5	91
4	Structural Classification of Small, Disulfide-rich Protein Domains. Journal of Molecular Biology, 2006, 359, 215-237.	2.0	85
5	Complete genome sequence and comparative genomics of the probiotic yeast Saccharomyces boulardii. Scientific Reports, 2017, 7, 371.	1.6	85
6	Crystal structures of two novel dyeâ€decolorizing peroxidases reveal a βâ€barrel fold with a conserved hemeâ€binding motif. Proteins: Structure, Function and Bioinformatics, 2007, 69, 223-233.	1.5	81
7	Structural drift: a possible path to protein fold change. Bioinformatics, 2005, 21, 1308-1310.	1.8	75
8	Structural Basis of Murein Peptide Specificity of a γ-D-Glutamyl-L-Diamino Acid Endopeptidase. Structure, 2009, 17, 303-313.	1.6	73
9	Identification and structural characterization of heme binding in a novel dyeâ€decolorizing peroxidase, TyrA. Proteins: Structure, Function and Bioinformatics, 2007, 69, 234-243.	1.5	67
10	Structure of the Î ³ - <scp>D</scp> -glutamyl- <scp>L</scp> -diamino acid endopeptidase YkfC from <i>Bacillus cereus</i> in complex with <scp>L</scp> -Ala-Î ³ - <scp>D</scp> -Glu: insights into substrate recognition by NlpC/P60 cysteine peptidases. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1354-1364.	0.7	64
11	Complete Genome of the Starch-Degrading Myxobacteria <i>Sandaracinus amylolyticus</i> DSM 53668 ^T . Genome Biology and Evolution, 2016, 8, 2520-2529.	1.1	63
12	PALSSE: a program to delineate linear secondary structural elements from protein structures. BMC Bioinformatics, 2005, 6, 202.	1.2	56
13	Unravelling the Complete Genome of Archangium gephyra DSM 2261T and Evolutionary Insights into Myxobacterial Chitinases. Genome Biology and Evolution, 2017, 9, 1304-1311.	1.1	43
14	Three-dimensional Structure of Physalis Mottle Virus: Implications for the Viral Assembly. Journal of Molecular Biology, 1999, 289, 919-934.	2.0	42
15	4SCOPmap: automated assignment of protein structures to evolutionary superfamilies. BMC Bioinformatics, 2004, 5, 197.	1.2	42
16	Structurally Analogous Proteins Do Exist!. Structure, 2004, 12, 1125-1127.	1.6	41
17	Crystal Structure of the First Eubacterial Mre11 Nuclease Reveals Novel Features that May Discriminate Substrates During DNA Repair. Journal of Molecular Biology, 2010, 397, 647-663.	2.0	41
18	Composite genome sequence of Bacillus clausii, a probiotic commercially available as Enterogermina®, and insights into its probiotic properties. BMC Microbiology, 2019, 19, 307.	1.3	41

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19	Complete Genomes of Bacillus coagulans S-lac and Bacillus subtilis TO-A JPC, Two Phylogenetically Distinct Probiotics. PLoS ONE, 2016, 11, e0156745.	1.1	40
20	Genome Sequence, Comparative Analysis, and Evolutionary Insights into Chitinases of Entomopathogenic Fungus Hirsutella thompsonii. Genome Biology and Evolution, 2015, 7, 916-930.	1.1	39
21	TOPSAN: use of a collaborative environment for annotating, analyzing and disseminating data on JCSG and PSI structures. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1143-1147.	0.7	33
22	Complete Genome Sequence and Comparative Genomics of a Novel Myxobacterium Myxococcus hansupus. PLoS ONE, 2016, 11, e0148593.	1.1	33
23	Bacterial Pleckstrin Homology Domains: A Prokaryotic Origin for the PH Domain. Journal of Molecular Biology, 2010, 396, 31-46.	2.0	32
24	Structure of a membrane-attack complex/perforin (MACPF) family protein from the human gut symbiontBacteroides thetaiotaomicron. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1297-1305.	0.7	30
25	Crystal structure of acireductone dioxygenase (ARD) from Mus musculus at 2.06 Ã resolution. Proteins: Structure, Function and Bioinformatics, 2006, 64, 808-813.	1.5	28
26	A tale of two ferredoxins: sequence similarity and structural differences. BMC Structural Biology, 2006, 6, 8.	2.3	26
27	Prevalence of the F-type lectin domain. Glycobiology, 2015, 25, 888-901.	1.3	25
28	Identification of a Discrete Intermediate in the Assembly/Disassembly of Physalis Mottle Tymovirus through Mutational Analysis. Journal of Molecular Biology, 1999, 289, 905-918.	2.0	24
29	Metagenomics analysis reveals features unique to Indian distal gut microbiota. PLoS ONE, 2020, 15, e0231197.	1.1	24
30	Structural and Functional Characterizations of SsgB, a Conserved Activator of Developmental Cell Division in Morphologically Complex Actinomycetes. Journal of Biological Chemistry, 2009, 284, 25268-25279.	1.6	23
31	Crystal structure of the Fic (Filamentation induced by cAMP) family protein SO4266 (gi 24375750) from <i>Shewanella oneidensis</i> MRâ€l at 1.6 à resolution. Proteins: Structure, Function and Bioinformatics, 2009, 75, 264-271.	1.5	23
32	Structural studies on the empty capsids of physalis mottle virus 1 1Edited by R. Huber. Journal of Molecular Biology, 2001, 307, 1035-1047.	2.0	22
33	Evolutionary convergence and divergence in archaeal chromosomal proteins and Chromo-like domains from bacteria and eukaryotes. Scientific Reports, 2018, 8, 6196.	1.6	22
34	Identification of novel small RNAs in Burkholderia cenocepacia KC-01 expressed under iron limitation and oxidative stress conditions. Microbiology (United Kingdom), 2017, 163, 1924-1936.	0.7	22
35	The structure of SSO2064, the first representative of Pfam family PF01796, reveals a novel two-domain zinc-ribbon OB-fold architecture with a potential acyl-CoA-binding role. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1160-1166.	0.7	20
36	Structure of a tryptophanyl-tRNA synthetase containing an iron–sulfur cluster. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1326-1334.	0.7	19

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37	Crystal structure of a novel Smâ€like protein of putative cyanophage origin at 2.60 à resolution. Proteins: Structure, Function and Bioinformatics, 2009, 75, 296-307.	1.5	18
38	Structure of the first representative of Pfam family PF09410 (DUF2006) reveals a structural signature of the calycin superfamily that suggests a role in lipid metabolism. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1153-1159.	0.7	18
39	Gleaning evolutionary insights from the genome sequence of a probiotic yeast Saccharomyces boulardii. Gut Pathogens, 2013, 5, 30.	1.6	18
40	Comparative Genomics of Myxobacterial Chemosensory Systems. Journal of Bacteriology, 2018, 200, .	1.0	18
41	Structure of an essential bacterial protein YeaZ (TM0874) from <i>Thermotoga maritima</i> at 2.5â€Ã resolution. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1230-1236.	0.7	17
42	The bridge-region of the Ku superfamily is an atypical zinc ribbon domain. Journal of Structural Biology, 2010, 172, 294-299.	1.3	17
43	Classification of the treble clef zinc finger: noteworthy lessons for structure and function evolution. Scientific Reports, 2016, 6, 32070.	1.6	17
44	Draft Genome Sequence of the Nitrophenol-Degrading Actinomycete Rhodococcus imtechensis RKJ300. Journal of Bacteriology, 2012, 194, 3543-3543.	1.0	16
45	Genome sequencing and annotation of Acinetobacter haemolyticus strain MTCC 9819T. Genomics Data, 2014, 2, 10-12.	1.3	16
46	Crystal structure of a single-stranded DNA-binding protein (TM0604) from Thermotoga maritima at 2.60 Ã resolution. Proteins: Structure, Function and Bioinformatics, 2006, 63, 256-260.	1.5	15
47	Examination into the taxonomic position of Bacillus thermotolerans Yang et al., 2013, proposal for its reclassification into a new genus and species Quasibacillus thermotolerans gen. nov., comb. nov. and reclassification of B. encimensis Dastager et al., 2015 as a later heterotypic synonym of B. badius. Systematic and Applied Microbiology, 2017, 40, 411-422.	1.2	14
48	Crystal structure of homoserine O-succinyltransferase from Bacillus cereus at 2.4 Ã resolution. Proteins: Structure, Function and Bioinformatics, 2007, 68, 999-1005.	1.5	13
49	Crystal Structure of Histidine Phosphotransfer Protein ShpA, an Essential Regulator of Stalk Biogenesis in Caulobacter crescentus. Journal of Molecular Biology, 2009, 390, 686-698.	2.0	13
50	Ablation of RNA interference and retrotransposons accompany acquisition and evolution of transposases to heterochromatin protein CENPB. Molecular Biology of the Cell, 2017, 28, 1132-1146.	0.9	13
51	The crystal structure of a bacterial Sufuâ€like protein defines a novel group of bacterial proteins that are similar to the Nâ€ŧerminal domain of human Sufu. Protein Science, 2010, 19, 2131-2140.	3.1	12
52	Genome sequence and comparative analysis of clavicipitaceous insect-pathogenic fungus Aschersonia badia with Metarhizium spp BMC Genomics, 2016, 17, 367.	1.2	12
53	Influence of a mutation in the ATP-binding region of Ca2+/calmodulin-dependent protein kinase II on its interaction with peptide substrates. Biochemical Journal, 2004, 378, 391-397.	1.7	11
54	Representing and comparing protein structures as paths in three-dimensional space. BMC Bioinformatics, 2006, 7, 460.	1.2	11

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55	Crystal structure of NMA1982 from <i>Neisseria meningitidis</i> at 1.5 Ã resolution provides a structural scaffold for nonclassical, eukaryoticâ€like phosphatases. Proteins: Structure, Function and Bioinformatics, 2007, 69, 415-421.	1.5	11
56	The structure ofHaemophilus influenzaeprephenate dehydrogenase suggests unique features of bifunctional TyrA enzymes. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1317-1325.	0.7	11
57	Structure of BT_3984, a member of the SusD/RagB family of nutrient-binding molecules. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1274-1280.	0.7	11
58	Ethanolamine utilization in Vibrio alginolyticus. Biology Direct, 2012, 7, 45; discussion 45.	1.9	11
59	Repurposing TRASH: Emergence of the enzyme organomercurial lyase from a non-catalytic zinc finger scaffold. Journal of Structural Biology, 2014, 188, 16-21.	1.3	11
60	Crystal structure of a glycerate kinase (TM1585) from Thermotoga maritima at 2.70 Ã resolution reveals a new fold. Proteins: Structure, Function and Bioinformatics, 2006, 65, 243-248.	1.5	10
61	The structure of the first representative of Pfam family PF06475 reveals a new fold with possible involvement in glycolipid metabolism. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1211-1217.	0.7	10
62	Genome Sequence of the Marine Bacterium Marinilabilia salmonicolor JCM 21150 ^T . Journal of Bacteriology, 2012, 194, 3746-3746.	1.0	10
63	Draft Genome Sequence of a Plant Growth-Promoting Rhizobacterium, Serratia fonticola Strain AU-P3(3). Genome Announcements, 2013, 1, .	0.8	10
64	The structure of Jann_2411 (DUF1470) from <i>Jannaschia</i> sp. at 1.45â€Ã resolution reveals a new fold (the ABATE domain) and suggests its possible role as a transcription regulator. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1198-1204.	0.7	9
65	A conserved fold for fimbrial components revealed by the crystal structure of a putative fimbrial assembly protein (BT1062) from <i>Bacteroides thetaiotaomicron</i> at 2.2â€Ã resolution. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1281-1286.	0.7	9
66	Evolutionary relationships between heme-binding ferredoxin α + β barrels. BMC Bioinformatics, 2016, 1 168.	7 _{1.2}	9
67	Comparative structural analysis of a novel glutathioneS-transferase (ATU5508) fromAgrobacterium tumefaciensat 2.0 Ã resolution. Proteins: Structure, Function and Bioinformatics, 2006, 65, 527-537.	1.5	8
68	Crystal structure of a novel archaeal AAA+ ATPase SSO1545 from <i>Sulfolobus solfataricus</i> . Proteins: Structure, Function and Bioinformatics, 2009, 74, 1041-1049.	1.5	8
69	The structure of the first representative of Pfam family PF09836 reveals a two-domain organization and suggests involvement in transcriptional regulation. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1174-1181.	0.7	8
70	Open and closed conformations of two SpolIAA-like proteins (YP_749275.1 and YP_001095227.1) provide insights into membrane association and ligand binding. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1245-1253.	0.7	8
71	The structure of BVU2987 fromBacteroides vulgatusreveals a superfamily of bacterial periplasmic proteins with possible inhibitory function. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1265-1273.	0.7	8
72	Structures of the first representatives of Pfam family PF06938 (DUF1285) reveal a new fold with repeated structural motifs and possible involvement in signal transduction. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1218-1225.	0.7	8

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73	Structures of three members of Pfam PF02663 (FmdE) implicated in microbial methanogenesis reveal a conserved α+β core domain and an auxiliary C-terminal treble-clef zinc finger. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1335-1346.	0.7	8
74	Crystal structure of phosphoribosylformylglycinamidine synthase II (smPurL) from Thermotoga maritima at 2.15 Ã resolution. Proteins: Structure, Function and Bioinformatics, 2006, 63, 1106-1111.	1.5	7
75	Crystal structure of an ORFan protein (TM1622) fromThermotoga maritimaat 1.75 Ã resolution reveals a fold similar to the Ran-binding protein Mog1p. Proteins: Structure, Function and Bioinformatics, 2006, 65, 777-782.	1.5	7
76	Crystal structure of AICAR transformylase IMP cyclohydrolase (TM1249) from <i>Thermotoga maritima</i> at 1.88 Ã resolution. Proteins: Structure, Function and Bioinformatics, 2008, 71, 1042-1049.	1.5	7
77	A novel RING finger in the C-terminal domain of the coatomer protein α-COP. Biology Direct, 2015, 10, 70.	1.9	7
78	The UBR-box and its relationship to binuclear RING-like treble clef zinc fingers. Biology Direct, 2015, 10, 36.	1.9	7
79	The Ku–Mar zinc finger: A segment-swapped zinc ribbon in MarR-like transcription regulators related to the Ku bridge. Journal of Structural Biology, 2015, 191, 281-289.	1.3	7
80	Grimontia indica AK16T, sp. nov., Isolated from a Seawater Sample Reports the Presence of Pathogenic Genes Similar to Vibrio Genus. PLoS ONE, 2014, 9, e85590.	1.1	7
81	Crystal structure of TM1367 from Thermotoga maritima at 1.90 Ã resolution reveals an atypical member of the cyclophilin (peptidylprolyl isomerase) fold. Proteins: Structure, Function and Bioinformatics, 2006, 63, 1112-1118.	1.5	6
82	Crystal structure of phosphoribosylformyl-glycinamidine synthase II, PurS subunit (TM1244) from Thermotoga maritima at 1.90 Ã resolution. Proteins: Structure, Function and Bioinformatics, 2006, 65, 249-254.	1.5	6
83	Crystal structure of MtnX phosphatase from <i>Bacillus subtilis</i> at 2.0 à resolution provides a structural basis for bipartite phosphomonoester hydrolysis of 2â€hydroxyâ€3â€ketoâ€5â€methylthiopentenylâ€1â€phosphate. Proteins: Structure, Function and Bioinformatic 2007, 69, 433-439.	1.5 s,	6
84	Crystal structure of an ADPâ€ribosylated protein with a cytidine deaminaseâ€like fold, but unknown function (TM1506), from <i>Thermotoga maritima</i> at 2.70 Ã resolution. Proteins: Structure, Function and Bioinformatics, 2008, 71, 1546-1552.	1.5	6
85	Draft Genome Sequence of the Opportunistic Human Pathogen Morganella morganii SC01. Genome Announcements, 2013, 1, .	0.8	6
86	Draft Genome Sequence of Plant-Growth-Promoting Rhizobacterium Serratia fonticola Strain AU-AP2C, Isolated from the Pea Rhizosphere. Genome Announcements, 2013, 1, .	0.8	6
87	Complete genome sequence and identification of polyunsaturated fatty acid biosynthesis genes of the myxobacterium Minicystis rosea DSM 24000T. BMC Genomics, 2021, 22, 655.	1.2	6
88	Crystal structure of a transcription regulator (TM1602) from Thermotoga maritima at 2.3 Ã resolution. Proteins: Structure, Function and Bioinformatics, 2007, 67, 247-252.	1.5	5
89	Conformational changes associated with the binding of zinc acetate at the putative active site ofXcTcmJ, a cupin fromXanthomonas campestrispv.campestris. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1347-1353.	0.7	5
90	Evidence of a new metabolic capacity in an emerging diarrheal pathogen: lessons from the draft genomes of Vibrio fluvialis strains PG41 and I21563. Gut Pathogens, 2013, 5, 20.	1.6	5

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91	Draft Genome Sequence of Plant Growth-Promoting Rhizobacterium Pantoea sp. Strain AS-PWVM4. Genome Announcements, 2013, 1, .	0.8	5
92	Genome sequencing and annotation of Amycolatopsis azurea DSM 43854T. Genomics Data, 2014, 2, 44-45.	1.3	5
93	The insertion domain 1 of class IIA dimeric glycyl-tRNA synthetase is a rubredoxin-like zinc ribbon. Journal of Structural Biology, 2015, 190, 38-46.	1.3	5
94	Draft Genome Sequence of Kocuria palustris PEL. Genome Announcements, 2014, 2, .	0.8	4
95	Taxonomic insights into the phylogeny of Bacillus badius and proposal for its reclassification to the genus Pseudobacillus as Pseudobacillus badius comb. nov. and reclassification of Bacillus wudalianchiensis Liu et al., 2017 as Pseudobacillus wudalianchiensis comb. nov Systematic and Applied Microbiology, 2019, 42, 360-372.	1.2	4
96	Crystal structure of 2-phosphosulfolactate phosphatase (ComB) fromClostridium acetobutylicumat 2.6 Ã resolution reveals a new fold with a novel active site. Proteins: Structure, Function and Bioinformatics, 2006, 65, 771-776.	1.5	3
97	Crystal structures of MW1337R and lin2004: Representatives of a novel protein family that adopt a fourâ€helical bundle fold. Proteins: Structure, Function and Bioinformatics, 2008, 71, 1589-1596.	1.5	3
98	The structure of KPN03535 (gi 152972051), a novel putative lipoprotein fromKlebsiella pneumoniae, reveals an OB-fold. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1254-1260.	0.7	3
99	Structure of LP2179, the first representative of Pfam family PF08866, suggests a new fold with a role in amino-acid metabolism. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1205-1210.	0.7	3
100	Structures of the first representatives of Pfam family PF06684 (DUF1185) reveal a novel variant of theBacilluschorismate mutase fold and suggest a role in amino-acid metabolism. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1182-1189.	0.7	3
101	Structure of the first representative of Pfam family PF04016 (DUF364) reveals enolase and Rossmann-like folds that combine to form a unique active site with a possible role in heavy-metal chelation. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1167-1173.	0.7	3
102	Genome Sequence of the Halotolerant Bacterium Imtechella halotolerans K1 ^T . Journal of Bacteriology, 2012, 194, 3731-3731.	1.0	3
103	Draft Genome Sequence of Rhodovulum sp. Strain PH10, a Phototrophic Alphaproteobacterium Isolated from a Soil Sample of Mangrove of Namkhana, India. Journal of Bacteriology, 2012, 194, 6363-6363.	1.0	3
104	Evolutionary analysis of a novel zinc ribbon in the N-terminal region of threonine synthase. Cell Cycle, 2017, 16, 1918-1926.	1.3	3
105	Structure of a putative NTP pyrophosphohydrolase: YP_001813558.1 fromExiguobacterium sibiricum255-15. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1237-1244.	0.7	2
106	Structure of <i>Bacteroides thetaiotaomicron</i> BT2081 at 2.05â€Ã resolution: the first structural representative of a new protein family that may play a role in carbohydrate metabolism. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1287-1296.	0.7	2
107	Draft Genome Sequence of an Alphaproteobacterium, Caenispirillum salinarum AK4 T , Isolated from a Solar Saltern. Genome Announcements, 2013, 1, .	0.8	2
108	Genome sequencing and annotation of Acinetobacter gerneri strain MTCC 9824T. Genomics Data, 2014, 2, 7-9.	1.3	2

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109	Genome sequencing and annotation of Acinetobacter gyllenbergii strain MTCC 11365T. Genomics Data, 2014, 2, 4-6.	1.3	1
110	Genome sequencing and annotation of Acinetobacter junii strain MTCC 11364. Genomics Data, 2014, 2, 13-15.	1.3	1
111	An atypical segment swap in the DN and DC domains of the Acr_tran family resistance-nodulation-cell division pump. Journal of Structural Biology, 2016, 196, 358-363.	1.3	1
112	Evolutionary relationship between the cysteine and histidine rich domains (CHORDs) and Btk-type zinc fingers. Bioinformatics, 2018, 34, 1981-1985.	1.8	1
113	Genome sequencing and annotation of Acinetobacter guillouiae strain MSP 4-18. Genomics Data, 2014, 2, 1-3.	1.3	0