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Studying protein-protein interactions via blot overlay or Far Western blot

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Methods in Molecular Biology, 2004, 261, 167-74.

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#	Paper	IF	Citations
44	Identification of a novel two-component system SenS/SenR modulating the production of the catalase-peroxidase CpeB and the haem-binding protein HbpS in <i>Streptomyces reticuli</i> . <i>Microbiology (United Kingdom)</i> , 2005 , 151, 3603-3614	2.9	26
43	LMCD1/Dyxin is a novel transcriptional cofactor that restricts GATA6 function by inhibiting DNA binding. <i>Molecular and Cellular Biology</i> , 2005 , 25, 8864-73	4.8	48
42	Identification of the structural and functional domains of the large serine recombinase TnpX from <i>Clostridium perfringens</i> . <i>Journal of Biological Chemistry</i> , 2005 , 280, 2503-11	5.4	18
41	The visible touch: in planta visualization of protein-protein interactions by fluorophore-based methods. <i>Plant Methods</i> , 2006 , 2, 12	5.8	88
40	Huntingtin interacts with the receptor sorting family protein GASP2. <i>Journal of Neural Transmission</i> , 2006 , 113, 1081-90	4.3	17
39	Dual signaling functions of the hybrid sensor kinase RpfC of <i>Xanthomonas campestris</i> involve either phosphorelay or receiver domain-protein interaction. <i>Journal of Biological Chemistry</i> , 2006 , 281, 33414-21	5.4	95
38	RUN-CBFbeta interaction in <i>C. elegans</i> : computational prediction and experimental verification. <i>Journal of Biomolecular Structure and Dynamics</i> , 2007 , 24, 343-58	3.6	1
37	Assembly of an SAP97-AKAP79-cAMP-dependent protein kinase scaffold at the type 1 PSD-95/DLG/ZO1 motif of the human beta(1)-adrenergic receptor generates a receptosome involved in receptor recycling and networking. <i>Journal of Biological Chemistry</i> , 2007 , 282, 5085-5099	5.4	63
36	Detecting protein-protein interactions by Far western blotting. <i>Nature Protocols</i> , 2007 , 2, 3278-84	18.8	222
35	Mutagenic analysis of potato virus X movement protein (TGBp1) and the coat protein (CP): in vitro TGBp1-CP binding and viral RNA translation activation. <i>Molecular Plant Pathology</i> , 2008 , 9, 37-44	5.7	33
34	Biochemical approaches for discovering protein-protein interactions. <i>Plant Journal</i> , 2008 , 53, 597-609	6.9	110
33	The presence and distribution of pituitary adenylate cyclase activating polypeptide and its receptor in the snail <i>Helix pomatia</i> . <i>Neuroscience</i> , 2008 , 155, 387-402	3.9	17
32	Amino acids activate mTOR complex 1 via Ca ²⁺ /CaM signaling to hVps34. <i>Cell Metabolism</i> , 2008 , 7, 456-65	11.6	301
31	Investigating protein-protein interactions by far-Westerns. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2008 , 110, 195-214	1.7	5
30	Functional endogenous LINE-1 retrotransposons are expressed and mobilized in rat chloroleukemia cells. <i>Nucleic Acids Research</i> , 2008 , 36, 648-65	20.1	39
29	Structural and mutational analyses of <i>Deinococcus radiodurans</i> UvrA2 provide insight into DNA binding and damage recognition by UvrAs. <i>Structure</i> , 2009 , 17, 547-58	5.2	32
28	Immunoblotting of 2-DE Separated Proteins. <i>Springer Protocols</i> , 2009 , 641-662	0.3	

27	Detection of protein-protein interactions by far-western blotting. <i>Methods in Molecular Biology</i> , 2009 , 536, 313-29	1.4	19
26	Functional role of proteolytic processing of recombinant myocilin in self-aggregation. 2010 , 51, 72-8		15
25	Xenopus Kazrin interacts with ARVCF-catenin, spectrin and p190B RhoGAP, and modulates RhoA activity and epithelial integrity. <i>Journal of Cell Science</i> , 2010 , 123, 4128-44	5.3	16
24	Interaction of triosephosphate isomerase from <i>Staphylococcus aureus</i> with plasminogen. <i>Microbiology and Immunology</i> , 2011 , 55, 855-62	2.7	31
23	An optimized mRFP-based bimolecular fluorescence complementation system for the detection of protein-protein interactions in planta. <i>Journal of Virological Methods</i> , 2011 , 174, 158-65	2.6	18
22	CRMP-2 peptide mediated decrease of high and low voltage-activated calcium channels, attenuation of nociceptor excitability, and anti-nociception in a model of AIDS therapy-induced painful peripheral neuropathy. <i>Molecular Pain</i> , 2012 , 8, 54	3.4	38
21	Investigation of stable and transient protein-protein interactions: Past, present, and future. <i>Proteomics</i> , 2013 , 13, 538-57	4.8	105
20	Circulating <i>Biomphalaria glabrata</i> hemocyte subpopulations possess shared schistosome glycans and receptors capable of binding larval glycoconjugates. <i>Experimental Parasitology</i> , 2013 , 133, 28-36	2.1	36
19	Interactions of subunits Asa2, Asa4 and Asa7 in the peripheral stalk of the mitochondrial ATP synthase of the chlorophycean alga <i>Polytomella</i> sp. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014 , 1837, 1-13	4.6	14
18	Proteomic analysis of cellular protein expression profiles in response to grass carp reovirus infection. <i>Fish and Shellfish Immunology</i> , 2015 , 44, 515-24	4.3	15
17	Detection and quantification of protein-protein interactions by far-western blotting. <i>Methods in Molecular Biology</i> , 2015 , 1312, 379-98	1.4	12
16	A sequence upstream of canonical PDZ-binding motif within CFTR COOH-terminus enhances NHERF1 interaction. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016 , 311, L1170-L1182	5.8	13
15	Modulation of the Lytic Activity of the Dedicated Autolysin for Flagellum Formation SlfF by Flagellar Rod Proteins FlgB and FlgF. <i>Journal of Bacteriology</i> , 2016 , 198, 1847-56	3.5	12
14	Biochemical Characterization of the Flagellar Rod Components of <i>Rhodobacter sphaeroides</i> : Properties and Interactions. <i>Journal of Bacteriology</i> , 2016 , 198, 544-52	3.5	7
13	Subunit Asa1 spans all the peripheral stalk of the mitochondrial ATP synthase of the chlorophycean alga <i>Polytomella</i> sp. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016 , 1857, 359-69	4.6	10
12	Cloning, expression, purification and characterization of <i>Plasmodium</i> spp. glyceraldehyde-3-phosphate dehydrogenase. <i>Protein Expression and Purification</i> , 2016 , 117, 17-25	2	7
11	Cox2A/Cox2B subunit interaction in <i>Polytomella</i> sp. cytochrome c oxidase: role of the Cox2B subunit extension. <i>Journal of Bioenergetics and Biomembranes</i> , 2017 , 49, 453-461	3.7	1
10	Small heat shock protein speciation: novel non-canonical 44kDa HspB5-related protein species in rat and human tissues. <i>Cell Stress and Chaperones</i> , 2018 , 23, 813-826	4	1

9	Proteomic investigation of resistance to chemotherapy drugs in osteosarcoma. <i>Technology and Health Care</i> , 2018 , 26, 145-153	1.1	8
8	Hornerin contains a Linked Series of Ribosome-Targeting Peptide Antibiotics. <i>Scientific Reports</i> , 2018 , 8, 16158	4.9	12
7	A DREPP protein interacted with PeaT1 from <i>Alternaria tenuissima</i> and is involved in elicitor-induced disease resistance in <i>Nicotiana</i> plants. <i>Journal of Plant Research</i> , 2018 , 131, 827-837	2.6	2
6	The MAF1 Phosphoregulatory Region Controls MAF1 Interaction with the RNA Polymerase III C34 Subunit and Transcriptional Repression in Plants. <i>Plant Cell</i> , 2020 , 32, 3019-3035	11.6	5
5	Double-Sided Graphene-Enhanced Raman Scattering and Fluorescence Quenching in Hybrid Biological Structures. <i>Advanced Materials Technologies</i> , 2021 , 6, 2100385	6.8	
4	Affinity-based assays for the identification and quantitative evaluation of noncovalent poly(ADP-ribose)-binding proteins. <i>Methods in Molecular Biology</i> , 2011 , 780, 93-115	1.4	9
3	Calcitonin Receptor-Zonula Occludens-1 Interaction Is Critical for Calcitonin-Stimulated Prostate Cancer Metastasis. <i>PLoS ONE</i> , 2016 , 11, e0150090	3.7	12
2	Far Western blot as a tool for identification of interaction between ribosomal proteins and translation elongation factor 1A. <i>Biopolymers and Cell</i> , 2007 , 23, 379-385	0.3	
1	Protein Interactions and Diseases. 2009 , 694-713		