

53 Structure Hits 24 Citations 29 Ligand Hits

Query Parameters:

Query Details | Save Query to

Structure Author name is 'Curmi, P.M.G.'

Query Refinements: *Select an item or pie chart*

Organism	Taxonomy	Experimental Method	X-ray Resolution	Release Date	Polymer Type
<ul style="list-style-type: none"> Homo sapiens (19) Vibrio cholerae (6) uncultured bacterium (5) Nicotiana tabacum (3) Vibrio sp. DAT722 (3) Saccharomyces cerevisiae (3) Rhodomonas sp. CS24 (3) Other (11) 	<ul style="list-style-type: none"> Eukaryota (33) Bacteria (16) Archaea (3) Other (1) 	<ul style="list-style-type: none"> X-ray (53) 	<ul style="list-style-type: none"> less than 1.5 Å (10) 1.5 - 2.0 Å (24) 2.0 - 2.5 Å (14) 2.5 - 3.0 Å (4) 3.0 and more Å (1) more choices... 	<ul style="list-style-type: none"> before 2000 (4) 2000 - 2005 (13) 2005 - 2010 (24) 2010 - today (12) this year (6) more choices... 	<ul style="list-style-type: none"> Protein (53)
Enzyme Classification	SCOP Classification	Protein Symmetry	Protein Stoichiometry		
<ul style="list-style-type: none"> 3: Hydrolases (7) 4: Lyases (3) 	<ul style="list-style-type: none"> Alpha and beta proteins (a/b) (7) Alpha and beta proteins (a+b) (7) All alpha proteins (7) All beta proteins (4) Multi-domain proteins (alpha an ... (2) 	<ul style="list-style-type: none"> Asymmetric (26) Cyclic (20) Dihedral (6) more choices... 	<ul style="list-style-type: none"> Homomer (22) Monomer (22) Heteromer (8) more choices... 		








Refine Query with Advanced Search

Show only representatives at sequence


Showing 1 - 53 of 53 Results








Results : Page: Filter: View: Download ResultsReports: Sort:







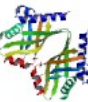
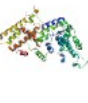
- 4LM6** **Light harvesting complex PC612 from the cryptophyte Hemiselmis virescens M1635**
Authors: Harrop, S.J. , Wilk, K.E. , Curmi, P.M.G.
Release: 2014-06-18
Experiment: X-RAY DIFFRACTION with resolution of 1.70 Å **Residue Count** 478
Compound: 2 Polymers [[Display Full Polymer Details](#) | [Display for All Results](#)]
 2 Ligands [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: **Single-residue insertion switches the quaternary structure and exciton states of cryptophyte light-harvesting proteins.**
 (2014) Proc.Natl.Acad.Sci.USA **111**: E2666-E2675 [[Display Full Abstract](#) | [Display for All Results](#)]
- 4LMS** **Light harvesting complex PC645 from the cryptophyte Chromonas sp. CCMP270**
Authors: Harrop, S.J. , Wilk, K.E. , Curmi, P.M.G.
Release: 2014-06-18
Experiment: X-RAY DIFFRACTION with resolution of 1.35 Å **Residue Count** 504
Compound: 3 Polymers [[Display Full Polymer Details](#) | [Display for All Results](#)]
 4 Ligands [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: **Single-residue insertion switches the quaternary structure and exciton states of cryptophyte light-harvesting proteins.**
 (2014) Proc.Natl.Acad.Sci.USA **111**: E2666-E2675 [[Display Full Abstract](#) | [Display for All Results](#)]
- 4LMX** **Light harvesting complex PE555 from the cryptophyte Hemiselmis andersenii CCMP644**
Authors: Harrop, S.J. , Wilk, K.E. , Curmi, P.M.G.
Release: 2014-06-18
Experiment: X-RAY DIFFRACTION with resolution of 1.80 Å **Residue Count** 1487
Compound: 4 Polymers [[Display Full Polymer Details](#) | [Display for All Results](#)]
 2 Ligands [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: **Single-residue insertion switches the quaternary structure and exciton states of cryptophyte light-harvesting proteins.**
 (2014) Proc.Natl.Acad.Sci.USA **111**: E2666-E2675 [[Display Full Abstract](#) | [Display for All Results](#)]

- 4JZQ** **Crystal structure of human CLIC1 C24D mutant**
Authors: Phang, J.M. , Harrop, S.J. , Duff, A.P. , Wilk, K.E. , Curmi, P.M.G.
Release: 2014-04-09
Experiment: X-RAY DIFFRACTION with resolution of 1.35 Å **Residue Count** 486
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
Citation: PubMed ID is not available.
- 
- 4K0G** **Crystal structure of human CLIC1 C24S mutant**
Authors: Phang, J.M. , Harrop, S.J. , Duff, A.P. , Wilk, K.E. , Curmi, P.M.G.
Release: 2014-04-09
Experiment: X-RAY DIFFRACTION with resolution of 1.40 Å **Residue Count** 251
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
 2 Ligands [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: PubMed ID is not available.
- 
- 4K0N** **Crystal structure of human CLIC1 C24A mutant**
Authors: Phang, J.M. , Harrop, S.J. , Duff, A.P. , Wilk, K.E. , Curmi, P.M.G.
Release: 2014-04-09
Experiment: X-RAY DIFFRACTION with resolution of 1.25 Å **Residue Count** 243
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
 1 Ligand [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: PubMed ID is not available.
- 
- 3U8B** **Functionally selective inhibition of Group IIA phospholipase A2 reveals a role for vimentin in regulating arachidonic acid metabolism**
Authors: Lee, L.K. , Bryant, K.J. , Bouveret, R. , Lei, P.-W. , Duff, A.P. , Harrop, S.J. , Huang, E.P. , Harvey, R.P. , Gelb, M.H. , Gray, P.P. , Curmi, P.M. , Cunningham, A.M. , Church, W.B. , Scott, K.F.
Release: 2012-10-17
Experiment: X-RAY DIFFRACTION with resolution of 2.30 Å **Residue Count** 124
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
 2 Ligands [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: **Selective Inhibition of Human Group IIA-secreted Phospholipase A2 (hGIIA) Signaling Reveals Arachidonic Acid Metabolism Is Associated with Colocalization of hGIIA to Vimentin in Rheumatoid Synoviocytes.** (2013) J.Biol.Chem. **288**: 15269-15279 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 3U8D** **Functionally selective inhibition of Group IIA phospholipase A2 reveals a role for vimentin in regulating arachidonic acid metabolism**
Authors: Lee, L.K. , Bryant, K.J. , Bouveret, R. , Lei, P.-W. , Duff, A.P. , Harrop, S.J. , Huang, E.P. , Harvey, R.P. , Gelb, M.H. , Gray, P.P. , Curmi, P.M. , Cunningham, A.M. , Church, W.B. , Scott, K.F.
Release: 2012-10-17
Experiment: X-RAY DIFFRACTION with resolution of 1.80 Å **Residue Count** 248
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
 3 Ligands [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: **Selective Inhibition of Human Group IIA-secreted Phospholipase A2 (hGIIA) Signaling Reveals Arachidonic Acid Metabolism Is Associated with Colocalization of hGIIA to Vimentin in Rheumatoid Synoviocytes.** (2013) J.Biol.Chem. **288**: 15269-15279 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 3U8H** **Functionally selective inhibition of Group IIA phospholipase A2 reveals a role for vimentin in regulating arachidonic acid metabolism**
Authors: Lee, L.K. , Bryant, K.J. , Bouveret, R. , Lei, P.-W. , Duff, A.P. , Harrop, S.J. , Huang, E.P. , Harvey, R.P. , Gelb, M.H. , Gray, P.P. , Curmi, P.M. , Cunningham, A.M. , Church, W.B. , Scott, K.F.
Release: 2012-10-17
Experiment: X-RAY DIFFRACTION with resolution of 2.30 Å **Residue Count** 248
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
 3 Ligands [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: **Selective Inhibition of Human Group IIA-secreted Phospholipase A2 (hGIIA) Signaling Reveals Arachidonic Acid Metabolism Is Associated with Colocalization of hGIIA to Vimentin in Rheumatoid Synoviocytes.** (2013) J.Biol.Chem. **288**: 15269-15279 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 3U8I** **Functionally selective inhibition of Group IIA phospholipase A2 reveals a role for vimentin in regulating arachidonic acid metabolism**
Authors: Lee, L.K. , Bryant, K.J. , Bouveret, R. , Lei, P.-W. , Duff, A.P. , Harrop, S.J. , Huang, E.P. , Harvey, R.P. , Gelb, M.H. , Gray, P.P. , Curmi, P.M. , Cunningham, A.M. , Church, W.B. , Scott, K.F.
Release: 2012-10-17
Experiment: X-RAY DIFFRACTION with resolution of 1.10 Å **Residue Count** 248
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
 3 Ligands [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: **Selective Inhibition of Human Group IIA-secreted Phospholipase A2 (hGIIA) Signaling Reveals Arachidonic Acid Metabolism Is Associated with Colocalization of hGIIA to Vimentin in Rheumatoid Synoviocytes.** (2013) J.Biol.Chem. **288**: 15269-15279 [[Display Full Abstract](#) | [Display for All Results](#)]
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- 3AQ1** **Open state monomer of a group II chaperonin from methanococcoides burtonii**
Authors: Harrop, S.J. , Pilak, O. , Siddiqui, K.S. , De Francisci, D. , Burg, D. , Williams, T.J. , Cavicchioli, R. , Curmi, P.M.
Release: 2011-09-14
Experiment: X-RAY DIFFRACTION with resolution of 2.75 Å **Residue Count** 500
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
Citation: **Chaperonins from an Antarctic archaeon are predominantly monomeric: crystal structure of an open state monomer.** (2011) ENVIRON.MICROBIOL. **13**: 2232-2249 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 3OQS** **Crystal structure of importin-alpha bound to a CLIC4 NLS peptide**
Authors: Mynott, A.V. , Brown, L.J. , Harrop, S.J. , Curmi, P.M.G.
Release: 2011-07-27
Experiment: X-RAY DIFFRACTION with resolution of 2.00 Å **Residue Count** 520
Compound: 2 Polymers [[Display Full Polymer Details](#) | [Display for All Results](#)]
Citation: **Crystal structure of importin-alpha bound to a peptide bearing the nuclear localisation signal from chloride intracellular channel protein 4** (2011) Febs J. **278**: 1662-1675 [[Display Full Abstract](#) | [Display for All Results](#)]
Molecule of the Month: **Importins**
- 
- 3KJY** **Crystal structure of reduced HOMO SAPIENS CLIC3**
Authors: Littler, D.R. , Curmi, P.M.G. , Breit, S.N. , Perrakis, A.
Release: 2009-11-17
Experiment: X-RAY DIFFRACTION with resolution of 1.95 Å **Residue Count** 500
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
 1 Ligand [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: **Structure of human CLIC3 at 2 Å resolution** (2010) Proteins **78**: 1594-1600 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 3JRT** **Structure from the mobile metagenome of V. paracholerae: Integron cassette protein Vpc_cass2**
Authors: Harrop, S.J. , Deshpande, C. , Sureshan, V. , Boucher, Y. , Xu, X. , Cui, H. , Cuff, M. , Edwards, A. , Savchenko, A. , Joachimiak, A. , S H.W. , Curmi, P.M.G. , Mabbutt, B.C. , Midwest Center for Structural Genomics
Release: 2009-09-22
Experiment: X-RAY DIFFRACTION with resolution of 2.30 Å **Residue Count** 192
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
Citation: **Integron gene cassettes: a repository of novel protein folds with distinct interaction sites.** (2013) Plos One **8**: e52934-e52934 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 3IF4** **Structure from the mobile metagenome of North West Arm Sewage Outfall: Integron Cassette Protein Hfx_Cass5**
Authors: Sureshan, V. , Deshpande, C.N. , Harrop, S.J. , Evdokimova, E. , Kudrytska, M. , Koenig, J.E. , Osipiuk, J. , Edwards, A. , Savchenko, A. , Joachimiak, A. , Doolittle, W.F. , Stokes, H.W. , Curmi, P.M.G. , Mabbutt, B.C. , Midwest Center for Structural Genomics
Release: 2009-09-08
Experiment: X-RAY DIFFRACTION with resolution of 2.18 Å **Residue Count** 476
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
Citation: **Integron gene cassettes: a repository of novel protein folds with distinct interaction sites.** (2013) Plos One **8**: e52934-e52934 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 3IMO** **Structure from the mobile metagenome of Vibrio cholerae. Integron cassette protein VCH_CASS14**
Authors: Deshpande, C.N. , Sureshan, V. , Harrop, S.J. , Boucher, Y. , Stokes, H.W. , Curmi, P.M.G. , Mabbutt, B.C.
Release: 2009-08-25
Experiment: X-RAY DIFFRACTION with resolution of 1.80 Å **Residue Count** 532
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
 1 Ligand [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: **Integron gene cassettes: a repository of novel protein folds with distinct interaction sites** (2013) Plos One **8**: e52934-e52934 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 3I9S** **Structure from the mobile metagenome of V.cholerae. Integron cassette protein VCH_CASS6**
Authors: Deshpande, C.N. , Sureshan, V. , Harrop, S.J. , Boucher, Y. , Xu, X. , Cui, H. , Edwards, A. , Savchenko, A. , Joachimiak, A. , Chang, C. , Stokes, H.W. , Curmi, P.M.G. , Mabbutt, B.C. , Midwest Center for Structural Genomics
Release: 2009-08-11
Experiment: X-RAY DIFFRACTION with resolution of 2.20 Å **Residue Count** 732
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
 2 Ligands [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: PubMed ID is not available.
- 
- 3GHJ** **Crystal structure from the mobile metagenome of Halifax Harbour Sewage Outfall: Integron Cassette Protein HFX_CASS4**
Authors: Sureshan, V. , Deshpande, C. , Harrop, S.J. , Kudrytska, M. , Koenig, J.E. , Evdokimova, E. , Kim, Y. , Edwards, A.M. , Savchenko, A. , Joachimiak, A. , Doolittle, W.F. , Stokes, H.W. , Curmi, P.M.G. , Mabbutt, B.C. , Midwest Center for Structural Genomics
Release: 2009-02-24
- 

-  **Release:** 2009-03-24
Experiment: X-RAY DIFFRACTION with resolution of 1.47 Å **Residue Count** 141
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
Citation: PubMed ID is not available.
- 3GK6** **Crystal structure from the mobile metagenome of *Vibrio cholerae*. Integron cassette protein VCH_CASS2.**
Authors: [Deshpande, C.N.](#) , [Sureshan, V.](#) , [Harrop, S.J.](#) , [Boucher, Y.](#) , [Xu, X.](#) , [Cui, H.](#) , [Edwards, A.M.](#) , [Savchenko, A.](#) , [Joachimiak, A.](#) , [Chang, C.](#) , [Stokes, H.W.](#) , [Curmi, P.M.G.](#) , [Mabbutt, B.C.](#) , Midwest Center for Structural Genomics
Release: 2009-03-24
Experiment: X-RAY DIFFRACTION with resolution of 1.80 Å **Residue Count** 170
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
 1 Ligand [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: **Crystal Structure of an Integron Gene Cassette-Associated Protein from *Vibrio cholerae* Identifies a Cationic Drug-Binding Mod** (2011) *Plos One* **6**: e16934-e16934 [[Display Full Abstract](#) | [Display for All Results](#)]
- 3FUJ** **Structure from the mobile metagenome of Cole Harbour Salt Marsh: Integron Cassette Protein HFX_CASS1**
Authors: [Sureshan, V.](#) , [Deshpande, C.N.](#) , [Harrop, S.J.](#) , [Kudrytska, M.](#) , [Koenig, J.E.](#) , [Evdokimova, E.](#) , [Osipiuk, J.](#) , [Edwards, A.](#) , [Savchenko, A.](#) , [Joachimiak, A.](#) , [Doolittle, W.F.](#) , [Stokes, H.W.](#) , [Curmi, P.M.G.](#) , [Mabbutt, B.C.](#) , Midwest Center for Structural Genomics
Release: 2009-02-24
Experiment: X-RAY DIFFRACTION with resolution of 2.00 Å **Residue Count** 537
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
 1 Ligand [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: **Integron gene cassettes: a repository of novel protein folds with distinct interaction sites** (2013) *Plos One* **8**: e52934-e52934 [[Display Full Abstract](#) | [Display for All Results](#)]
- 3FY7** **Crystal structure of homo sapiens CLIC3**
Authors: [Littler, D.R.](#) , [Curmi, P.M.G.](#) , [Breit, S.N.](#) , [Perrakis, A.](#)
Release: 2009-02-24
Experiment: X-RAY DIFFRACTION with resolution of 1.95 Å **Residue Count** 500
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
 1 Ligand [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: **Structure of human CLIC3 at 2 Å resolution** (2010) *Proteins* **78**: 1594-1600 [[Display Full Abstract](#) | [Display for All Results](#)]
- 3G1J** **Structure from the mobile metagenome of *Vibrio cholerae*. Integron cassette protein VCH_CASS4.**
Authors: [Deshpande, C.N.](#) , [Sureshan, V.](#) , [Harrop, S.J.](#) , [Boucher, Y.](#) , [Xu, X.](#) , [Cui, H.](#) , [Edwards, A.](#) , [Savchenko, A.](#) , [Joachimiak, A.](#) , [Tan, K.](#) , [H.W.](#) , [Curmi, P.M.G.](#) , [Mabbutt, B.C.](#) , Midwest Center for Structural Genomics
Release: 2009-02-24
Experiment: X-RAY DIFFRACTION with resolution of 1.70 Å **Residue Count** 186
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
Citation: PubMed ID is not available.
- 3FXH** **Crystal structure from the mobile metagenome of Halifax Harbour Sewage Outfall: Integron Cassette Protein HFX_CASS2**
Authors: [Sureshan, V.](#) , [Deshpande, C.](#) , [Harrop, S.J.](#) , [Kudrytska, M.](#) , [Koenig, J.E.](#) , [Evdokimova, E.](#) , [Chang, C.](#) , [Edwards, A.M.](#) , [Savchenko, A.](#) , [Joachimiak, A.](#) , [Doolittle, W.F.](#) , [Stokes, H.W.](#) , [Curmi, P.M.G.](#) , [Mabbutt, B.C.](#) , Midwest Center for Structural Genomics
Release: 2009-02-17
Experiment: X-RAY DIFFRACTION with resolution of 1.84 Å **Residue Count** 135
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
Citation: **Integron gene cassettes: a repository of novel protein folds with distinct interaction sites.** (2013) *Plos One* **8**: e52934-e52934 [[Display Full Abstract](#) | [Display for All Results](#)]
- 3FY6** **Structure from the mobile metagenome of *V. Cholerae*. Integron cassette protein VCH_CASS3**
Authors: [Deshpande, C.N.](#) , [Sureshan, V.](#) , [Harrop, S.J.](#) , [Boucher, Y.](#) , [Xu, X.](#) , [Cui, H.](#) , [Edwards, A.](#) , [Savchenko, A.](#) , [Joachimiak, A.](#) , [Tan, K.](#) , [H.W.](#) , [Curmi, P.M.G.](#) , [Mabbutt, B.C.](#) , Midwest Center for Structural Genomics
Release: 2009-02-10
Experiment: X-RAY DIFFRACTION with resolution of 2.10 Å **Residue Count** 504
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
Citation: **Integron gene cassettes: a repository of novel protein folds with distinct interaction sites.** (2013) *Plos One* **8**: e52934-e52934 [[Display Full Abstract](#) | [Display for All Results](#)]
- 3FYN** **Crystal structure from the mobile metagenome of Cole Harbour Salt Marsh: Integron Cassette Protein HFX_CASS3**
Authors: [Sureshan, V.](#) , [Deshpande, C.N.](#) , [Harrop, S.J.](#) , [Kudrytska, M.](#) , [Koenig, J.E.](#) , [Evdokimova, E.](#) , [Osipiuk, J.](#) , [Edwards, A.M.](#) , [Savchenko, A.](#) , [Joachimiak, A.](#) , [Doolittle, W.F.](#) , [Stokes, H.W.](#) , [Curmi, P.M.G.](#) , [Mabbutt, B.C.](#) , Midwest Center for Structural Genomics
Release: 2009-02-10
Experiment: X-RAY DIFFRACTION with resolution of 1.45 Å **Residue Count** 176
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
 2 Ligands [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: PubMed ID is not available.
- 3EV7** **Structure from the mobile metagenome of *V. Cholerae*. Integron cassette protein VCH_CASS4**

- 3ET7** **Structure from the mobile metagenome of *V. Cholerae*. Integrin cassette protein VPC_CASS1**
Authors: Harrop, S.J. , Deshpande, C.N. , Sureshan, V. , Boucher, Y. , Xu, X. , Cui, H. , Chang, C. , Edwards, A. , Joachimiak, A. , Savchenko, A. , Curmi, P.M.G. , Mabbutt, B.C. , Midwest Center for Structural Genomics
Release: 2009-01-13
Experiment: X-RAY DIFFRACTION with resolution of 1.60 Å **Residue Count** 266
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
 1 Ligand [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: PubMed ID is not available.
- 
- 3EY8** **Structure from the mobile metagenome of *V. Pseudocholerae*. VPC_CASS1**
Authors: Harrop, S.J. , Deshpande, C.N. , Sureshan, V. , Boucher, Y. , Xu, X. , Cui, H. , Chang, C. , Edwards, A. , Joachimiak, A. , Savchenko, A. , Curmi, P.M.G. , Mabbutt, B.C. , Midwest Center for Structural Genomics
Release: 2009-01-13
Experiment: X-RAY DIFFRACTION with resolution of 1.60 Å **Residue Count** 266
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
 1 Ligand [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: PubMed ID is not available.
- 
- 3BW1** **Crystal structure of homomeric yeast Lsm3 exhibiting novel octameric ring organisation**
Authors: Naidoo, N. , Harrop, S.J. , Curmi, P.M.G. , Mabbutt, B.C.
Release: 2008-03-25
Experiment: X-RAY DIFFRACTION with resolution of 2.50 Å **Residue Count** 192
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
 2 Ligands [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: **Crystal structure of Lsm3 octamer from *Saccharomyces cerevisiae*: implications for Lsm ring organisation and recruitment** (2008) *J.Mol.Biol.* **377**: 1357-1371 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 2YV7** **Crystal structure of the CLIC homolog from *Drosophila melanogaster***
Authors: Harrop, S.J. , Littler, D.R. , Curmi, P.M.G.
Release: 2008-02-19
Experiment: X-RAY DIFFRACTION with resolution of 1.70 Å **Residue Count** 260
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
 2 Ligands [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: **Comparison of vertebrate and invertebrate CLIC proteins: The crystal structures of *Caenorhabditis elegans* EXC-4 and *Drosophila melanogaster* DmCLIC** (2007) *Proteins* **71**: 364-378 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 2YV9** **Crystal structure of the CLIC homologue EXC-4 from *C. elegans***
Authors: Harrop, S.J. , Littler, D.R. , Curmi, P.M.G.
Release: 2008-02-19
Experiment: X-RAY DIFFRACTION with resolution of 1.60 Å **Residue Count** 582
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
 1 Ligand [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: **Comparison of vertebrate and invertebrate CLIC proteins: The crystal structures of *Caenorhabditis elegans* EXC-4 and *Drosophila melanogaster* DmCLIC** (2007) *Proteins* **71**: 364-378 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 2Q5Z** **Crystal structure of iMazG from *Vibrio* DAT 722: Ntag-iMazG (P43212)**
Authors: Robinson, A. , Guilfoyle, A.P. , Harrop, S.J. , Boucher, Y. , Stokes, H.W. , Curmi, P.M.G. , Mabbutt, B.C.
Release: 2007-10-09
Experiment: X-RAY DIFFRACTION with resolution of 2.30 Å **Residue Count** 228
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
 2 Ligands [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: **A putative house-cleaning enzyme encoded within an integron array: 1.8 Å crystal structure defines a new MazG subtype.** (2007) *Mol.Microbiol.* **66**: 610-621 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 2Q73** **Crystal structure of iMazG from *Vibrio* DAT 722: Ctag-iMazG (P41212)**
Authors: Robinson, A. , Guilfoyle, A.P. , Harrop, S.J. , Boucher, Y. , Stokes, H.W. , Curmi, P.M.G. , Mabbutt, B.C.
Release: 2007-10-09
Experiment: X-RAY DIFFRACTION with resolution of 1.80 Å **Residue Count** 400
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
 1 Ligand [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: **A putative house-cleaning enzyme encoded within an integron array: 1.8 Å crystal structure defines a new MazG subtype.** (2007) *Mol.Microbiol.* **66**: 610-621 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 2Q9L** **Crystal structure of iMazG from *Vibrio* DAT 722: Ctag-iMazG (P43212)**
Authors: Robinson, A. , Guilfoyle, A.P. , Harrop, S.J. , Boucher, Y. , Stokes, H.W. , Curmi, P.M.G. , Mabbutt, B.C.
Release: 2007-10-09
Experiment: X-RAY DIFFRACTION with resolution of 2.20 Å **Residue Count** 400
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]

-  1 Ligand [[Display Full Ligand Details](#) | [Display for All Results](#)]
- Citation:** **A putative house-cleaning enzyme encoded within an integron array: 1.8 Å crystal structure defines a new MazG subtype.**
(2007) Mol.Microbiol. **66**: 610-621 [[Display Full Abstract](#) | [Display for All Results](#)]
- 2ARQ** **Human plasminogen activator inhibitor-2.[loop (66-98) deletion mutant] complexed with peptide n-acetyl-teaaagdgvgmtg**
- Authors:** Di Giusto, D.A. , Sutherland, A.P. , Jankova, L. , Harrop, S.J. , Curmi, P.M. , King, G.C.
- Release:** 2006-07-11
- Experiment:** X-RAY DIFFRACTION with resolution of 1.85 Å **Residue Count** 397
- Compound:** 2 Polymers [[Display Full Polymer Details](#) | [Display for All Results](#)]
- Citation:** **Plasminogen activator inhibitor-2 is highly tolerant to P8 residue substitution--implications for serpin mechanistic model and prediction of nsSNP activities**
(2005) J.Mol.Biol. **353**: 1069-1080 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 2ARR** **Human plasminogen activator inhibitor-2.[loop (66-98) deletion mutant] complexed with peptide n-acetyl-teaaagmgvgmtg**
- Authors:** Di Giusto, D.A. , Sutherland, A.P. , Jankova, L. , Harrop, S.J. , Curmi, P.M. , King, G.C.
- Release:** 2006-07-11
- Experiment:** X-RAY DIFFRACTION with resolution of 1.55 Å **Residue Count** 397
- Compound:** 2 Polymers [[Display Full Polymer Details](#) | [Display for All Results](#)]
- Citation:** **Plasminogen activator inhibitor-2 is highly tolerant to P8 residue substitution--implications for serpin mechanistic model and prediction of nsSNP activities**
(2005) J.Mol.Biol. **353**: 1069-1080 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 2AHE** **Crystal structure of a soluble form of CLIC4. intercellular chloride ion channel**
- Authors:** Littler, D.R. , Assaad, N.N. , Harrop, S.J. , Brown, L.J. , Pankhurst, G.J. , Luciani, P. , Aguilar, M.-I. , Mazzanti, M. , Berryman, M.A. , Br S.N. , Curmi, P.M.G.
- Release:** 2005-08-16
- Experiment:** X-RAY DIFFRACTION with resolution of 1.80 Å **Residue Count** 267
- Compound:** 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
- Citation:** **Crystal structure of the soluble form of the redox-regulated chloride ion channel protein CLIC4.**
(2005) FEBS J. **272**: 4996-5007 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 1XF6** **High resolution crystal structure of phycoerythrin 545 from the marine cryptophyte rhodomonas CS24**
- Authors:** Doust, A.B. , Marai, C.N.J. , Harrop, S.J. , Wilk, K.E. , Curmi, P.M.G. , Scholes, G.D.
- Release:** 2004-11-30
- Experiment:** X-RAY DIFFRACTION with resolution of 1.10 Å **Residue Count** 497
- Compound:** 3 Polymers [[Display Full Polymer Details](#) | [Display for All Results](#)]
4 Ligands [[Display Full Ligand Details](#) | [Display for All Results](#)]
- Citation:** **Developing a structure-function model for the cryptophyte phycoerythrin 545 using ultrahigh resolution crystallography and ultrafast laser spectroscopy**
(2004) J.Mol.Biol. **344**: 135-153 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 1XGO** **High resolution crystal structure of phycoerythrin 545 from the marine cryptophyte rhodomonas CS24**
- Authors:** Doust, A.B. , Marai, C.N.J. , Harrop, S.J. , Wilk, K.E. , Curmi, P.M.G. , Scholes, G.D.
- Release:** 2004-11-30
- Experiment:** X-RAY DIFFRACTION with resolution of 0.97 Å **Residue Count** 497
- Compound:** 3 Polymers [[Display Full Polymer Details](#) | [Display for All Results](#)]
4 Ligands [[Display Full Ligand Details](#) | [Display for All Results](#)]
- Citation:** **Developing a structure-function model for the cryptophyte phycoerythrin 545 using ultrahigh resolution crystallography and ultrafast laser spectroscopy**
(2004) J.Mol.Biol. **344**: 135-153 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 1TUH** **Structure of Bal32a from a Soil-Derived Mobile Gene Cassette**
- Authors:** Robinson, A. , Wu, P.S.-C. , Harrop, S.J. , Schaeffer, P.M. , Dixon, N.E. , Gillings, M.R. , Holmes, A.J. , Nevalainen, K.M.H. , Otting, G. , H.W. , Curmi, P.M.G. , Mabbutt, B.C.
- Release:** 2004-07-06
- Experiment:** X-RAY DIFFRACTION with resolution of 1.85 Å **Residue Count** 156
- Compound:** 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
1 Ligand [[Display Full Ligand Details](#) | [Display for All Results](#)]
- Citation:** **Integron-associated Mobile Gene Cassettes Code for Folded Proteins: The Structure of Bal32a, a New Member of the Adaptable alpha+beta Barrel Family**
(2005) J.Mol.Biol. **346**: 1229-1241 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 1RK4** **Crystal Structure of a Soluble Dimeric Form of Oxidised CLIC1**
- Authors:** Littler, D.R. , Harrop, S.J. , Fairlie, W.D. , Brown, L.J. , Pankhurst, G.J. , Pankhurst, S. , DeMaere, M.Z. , Campbell, T.J. , Bauskin, A.R. , R. , Mazzanti, M. , Breit, S.N. , Curmi, P.M.
- Release:** 2003-12-02
- Experiment:** X-RAY DIFFRACTION with resolution of 1.79 Å **Residue Count** 486
- Compound:** 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
- Citation:** **The Intracellular Chloride Ion Channel Protein CLIC1 Undergoes a Redox-controlled Structural Transition**
(2004) J Biol Chem **279**: 9298-9305 [[Display Full Abstract](#) | [Display for All Results](#)]
- 

(2007) J.Biol.Chem. **278**: 5270-5305 [[Display Full Abstract](#) | [Display for All Results](#)]

- 1N9R** **Crystal structure of a heptameric ring complex of yeast SmF in spacegroup P4122**
Authors: Collins, B.M. , Cubeddu, L. , Naidoo, N. , Harrop, S.J. , Kornfeld, G.D. , Dawes, I.W. , Curmi, P.M.G. , Mabbutt, B.C.
Release: 2002-12-13
Experiment: X-RAY DIFFRACTION with resolution of 2.80 Å **Residue Count** 651
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
Citation: **Homomeric ring assemblies of eukaryotic Sm proteins have affinity for both RNA and DNA: Crystal structure of an oligomeric complex of yeast SmF**
 (2003) J.Biol.Chem. **278**: 17291-17298 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 1N9S** **Crystal structure of yeast SmF in spacegroup P43212**
Authors: Collins, B.M. , Cubeddu, L. , Naidoo, N. , Harrop, S.J. , Kornfeld, G.D. , Dawes, I.W. , Curmi, P.M.G. , Mabbutt, B.C.
Release: 2002-12-13
Experiment: X-RAY DIFFRACTION with resolution of 3.50 Å **Residue Count** 1302
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
Citation: **Homomeric ring assemblies of eukaryotic Sm proteins have affinity for both RNA and DNA: Crystal structure of an oligomeric complex of yeast SmF**
 (2003) J.Biol.Chem. **278**: 17291-17298 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 1MGQ** **CRYSTAL STRUCTURE OF A HEPTAMERIC SM-LIKE PROTEIN FROM METHANOBACTERIUM THERMOAUTOTROPHICUM**
Authors: Collins, B.M. , Naidoo, N. , Harrop, S.J. , Curmi, P.M.G. , Mabbutt, B.C.
Release: 2002-12-11
Experiment: X-RAY DIFFRACTION with resolution of 1.70 Å **Residue Count** 581
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
Citation: PubMed ID is not available.
- 
- 1KOM** **Crystal structure of a soluble monomeric form of CLIC1 at 1.4 angstroms**
Authors: Harrop, S.J. , DeMaere, M.Z. , Fairlie, W.D. , Reztsova, T. , Valenzuela, S.M. , Mazzanti, M. , Tonini, R. , Qiu, M.R. , Jankova, L. , Wartor K. , Bauskin, A.R. , Wu, W.M. , Pankhurst, S. , Campbell, T.J. , Breit, S.N. , Curmi, P.M.G.
Release: 2001-12-12
Experiment: X-RAY DIFFRACTION with resolution of 1.40 Å **Residue Count** 482
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
Citation: **Crystal structure of a soluble form of the intracellular chloride ion channel CLIC1 (NCC27) at 1.4-A resolution.**
 (2001) J.Biol.Chem. **276**: 44993-45000 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 1KON** **Chloride Intracellular Channel 1 (CLIC1) complexed with glutathione**
Authors: Harrop, S.J. , DeMaere, M.Z. , Fairlie, W.D. , Reztsova, T. , Valenzuela, S.M. , Mazzanti, M. , Tonini, R. , Qiu, M.R. , Jankova, L. , Wartor K. , Bauskin, A.R. , Wu, W.M. , Pankhurst, S. , Campbell, T.J. , Breit, S.N. , Curmi, P.M.G.
Release: 2001-12-12
Experiment: X-RAY DIFFRACTION with resolution of 1.80 Å **Residue Count** 482
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
 1 Ligand [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: **Crystal structure of a soluble form of the intracellular chloride ion channel CLIC1 (NCC27) at 1.4-A resolution.**
 (2001) J.Biol.Chem. **276**: 44993-45000 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 1K00** **Crystal structure of a soluble form of CLIC1. An intracellular chloride ion channel**
Authors: Harrop, S.J. , DeMaere, M.Z. , Fairlie, W.D. , Reztsova, T. , Valenzuela, S.M. , Mazzanti, M. , Tonini, R. , Qiu, M.R. , Jankova, L. , Wartor K. , Bauskin, A.R. , Wu, W.M. , Pankhurst, S. , Campbell, T.J. , Breit, S.N. , Curmi, P.M.G.
Release: 2001-12-12
Experiment: X-RAY DIFFRACTION with resolution of 1.75 Å **Residue Count** 482
Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]
Citation: **Crystal structure of a soluble form of the intracellular chloride ion channel CLIC1 (NCC27) at 1.4-A resolution.**
 (2001) J.Biol.Chem. **276**: 44993-45000 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 1JRR** **HUMAN PLASMINOGEN ACTIVATOR INHIBITOR-2.[LOOP (66-98) DELETIONMUTANT] COMPLEXED WITH PEPTIDE MIMICKII THE REACTIVE CENTER LOOP**
Authors: Jankova, L. , Harrop, S.J. , Saunders, D.N. , Andrews, J.L. , Bertram, K.C. , Gould, A.R. , Baker, M.S. , Curmi, P.M.G.
Release: 2001-09-26
Experiment: X-RAY DIFFRACTION with resolution of 1.60 Å **Residue Count** 397
Compound: 2 Polymers [[Display Full Polymer Details](#) | [Display for All Results](#)]
 1 Ligand [[Display Full Ligand Details](#) | [Display for All Results](#)]
Citation: **CRYSTAL STRUCTURE OF THE COMPLEX OF PLASMINOGEN ACTIVATOR INHIBITOR 2 WITH A PEPTIDE MIMICKING THE REACTI CENTER LOOP**
 (2001) J.Biol.Chem. **276**: 43374-43382 [[Display Full Abstract](#) | [Display for All Results](#)]
- 
- 1I81** **CRYSTAL STRUCTURE OF A HEPTAMERIC LSM PROTEIN FROM METHANOBACTERIUM THERMOAUTOTROPHICUM**
Authors: Collins, B.M. , Harrop, S.J. , Kornfeld, G.D. , Dawes, I.W. , Curmi, P.M.G. , Mabbutt, B.C.
Release: 2001-03-28
- 



Experiment: X-RAY DIFFRACTION with resolution of 2.00 Å **Residue Count** 581

Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]

Citation: **Crystal structure of a heptameric Sm-like protein complex from archaea: implications for the structure and evolution of snRNP** (2001) *J.Mol.Biol.* **309**: 915-923 [[Display Full Abstract](#) | [Display for All Results](#)]

1EJ7 **CRYSTAL STRUCTURE OF UNACTIVATED TOBACCO RUBISCO WITH BOUND PHOSPHATE IONS**

Authors: [Duff, A.P.](#) , [Andrews, T.J.](#) , [Curmi, P.M.G.](#)

Release: 2000-03-15

Experiment: X-RAY DIFFRACTION with resolution of 2.45 Å **Residue Count** 598

Compound: 2 Polymers [[Display Full Polymer Details](#) | [Display for All Results](#)]
1 Ligand [[Display Full Ligand Details](#) | [Display for All Results](#)]

Citation: **The transition between the open and closed states of rubisco is triggered by the inter-phosphate distance of the bound bisphosphate.** (2000) *J.Mol.Biol.* **298**: 903-916 [[Display Full Abstract](#) | [Display for All Results](#)]

Molecule of the Month: [Rubisco](#)

1BY7 **HUMAN PLASMINOGEN ACTIVATOR INHIBITOR-2. LOOP (66-98) DELETION MUTANT**

Authors: [Harrop, S.J.](#) , [King, G.C.](#) , [Mabbutt, B.C.](#) , [Curmi, P.M.G.](#)

Release: 1999-10-24

Experiment: X-RAY DIFFRACTION with resolution of 2.00 Å **Residue Count** 382

Compound: 1 Polymer [[Display Full Polymer Details](#) | [Display for All Results](#)]

Citation: **The crystal structure of plasminogen activator inhibitor 2 at 2.0 Å resolution: implications for serpin function.** (1999) *Structure Fold.Des.* **7**: 43-54 [[Display Full Abstract](#) | [Display for All Results](#)]

1QGW **CRYSTAL STRUCTURE OF PHYCOERYTHRIN 545 FROM THE MARINE CRYPTOPHYTE RHODOMONAS CS24**

Authors: [Harrop, S.J.](#) , [Wilk, K.E.](#) , [Hiller, R.G.](#) , [Curmi, P.M.G.](#)

Release: 1999-05-19

Experiment: X-RAY DIFFRACTION with resolution of 1.63 Å **Residue Count** 497

Compound: 3 Polymers [[Display Full Polymer Details](#) | [Display for All Results](#)]
4 Ligands [[Display Full Ligand Details](#) | [Display for All Results](#)]

Citation: **Evolution of a light-harvesting protein by addition of new subunits and rearrangement of conserved elements: crystal structure of cryptophyte phycoerythrin at 1.63-Å resolution.** (1999) *Proc.Natl.Acad.Sci.USA* **96**: 8901-8906 [[Display Full Abstract](#) | [Display for All Results](#)]

3RUB **CRYSTAL STRUCTURE OF THE UNACTIVATED FORM OF RIBULOSE-1,5-BISPHOSPHATE CARBOXYLASE(SLASH)OXYGENASE FROM TOBACCO REFINED AT 2.0-ANGSTROMS RESOLUTION**

Authors: [Schreuder, H.](#) , [Cascio, D.](#) , [Curmi, P.M.G.](#) , [Chapman, M.S.](#) , [Suh, S.W.](#) , [Eisenberg, D.S.](#)

Release: 1992-10-15

Experiment: X-RAY DIFFRACTION with resolution of 2.00 Å **Residue Count** 600

Compound: 2 Polymers [[Display Full Polymer Details](#) | [Display for All Results](#)]
2 Ligands [[Display Full Ligand Details](#) | [Display for All Results](#)]

Citation: **Crystal structure of the unactivated form of ribulose-1,5-bisphosphate carboxylase/oxygenase from tobacco refined at 2.0-Å resolution.** (1992) *J.Biol.Chem.* **267**: 16980-16989 [[Display Full Abstract](#) | [Display for All Results](#)]

Molecule of the Month: [Rubisco](#)

4RUB **A CRYSTAL FORM OF RIBULOSE-1,5-BISPHOSPHATE CARBOXYLASE(SLASH)OXYGENASE FROM NICOTIANA TABACUM IN THE ACTIVATED STATE**

Authors: [Schreuder, H.](#) , [Cascio, D.](#) , [Curmi, P.M.G.](#) , [Eisenberg, D.](#)

Release: 1992-10-15

Experiment: X-RAY DIFFRACTION with resolution of 2.70 Å **Residue Count** 2400

Compound: 2 Polymers [[Display Full Polymer Details](#) | [Display for All Results](#)]
3 Ligands [[Display Full Ligand Details](#) | [Display for All Results](#)]

Citation: **A crystal form of ribulose-1,5-bisphosphate carboxylase/oxygenase from Nicotiana tabacum in the activated state.** (1987) *J.Mol.Biol.* **197**: 363-365 [[Display Full Abstract](#) | [Display for All Results](#)]

Molecule of the Month: [Rubisco](#)

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