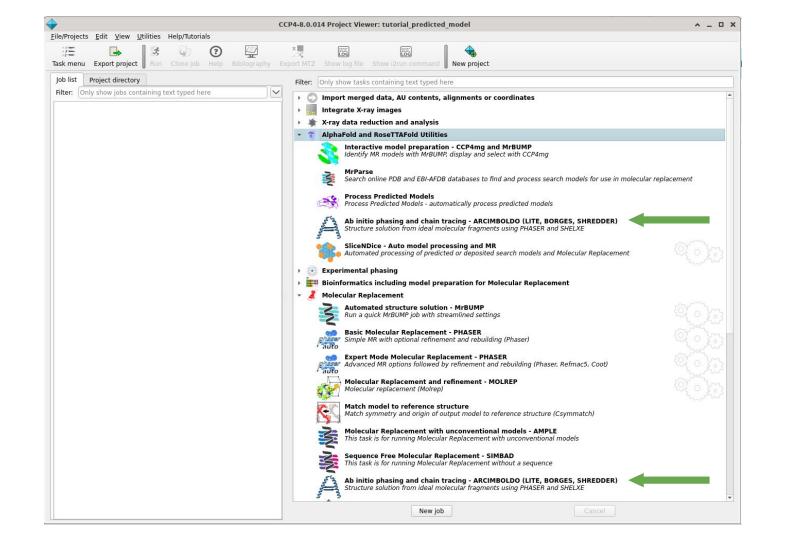
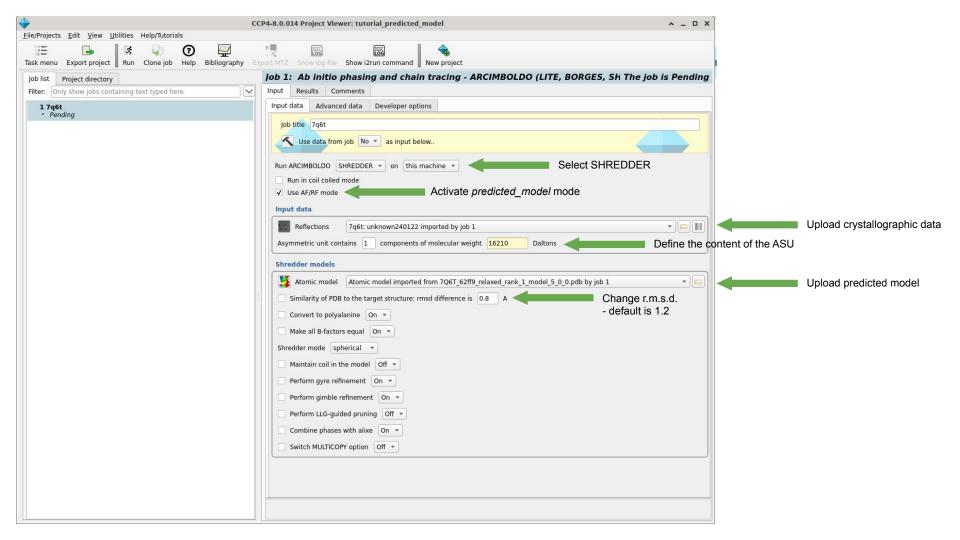
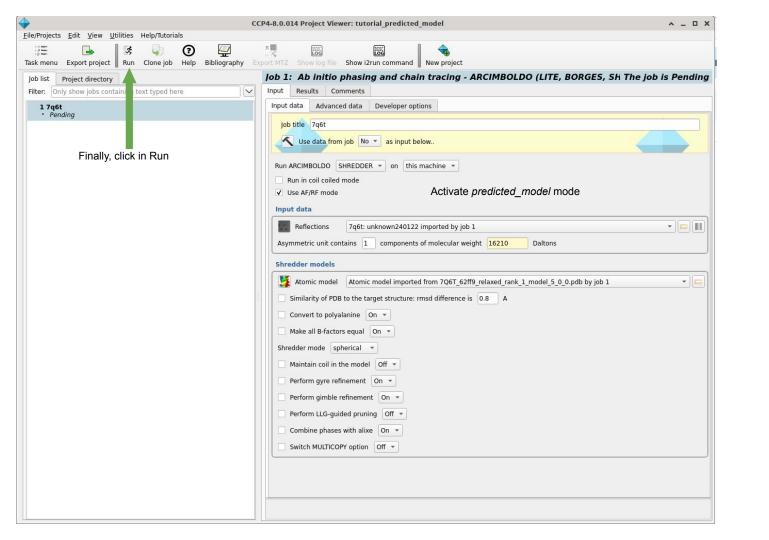
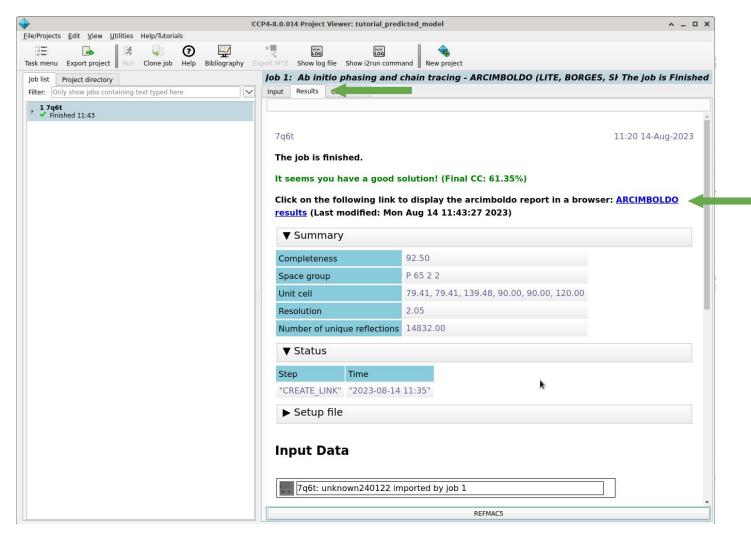
CCP4i2

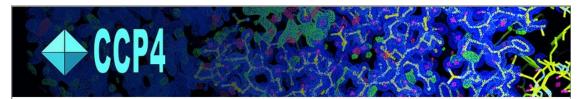








CCP4 online



Home (Logout) > Login > Programs

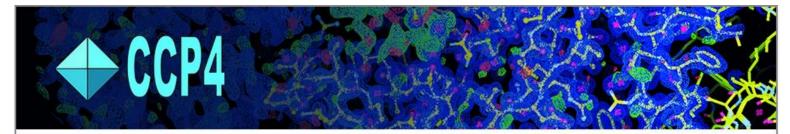
Username: iracaballero

Programs

Note: You must have a CCP4 licence to run these programs.

Balbes	An automated Molecular Replacement (MR) pipeline - Balbes integrates into one system all the components necessary for solving a crystal structure by Molecular Replacement				
MrBUMP	An automated Molecular Replacement (MR) pipeline - Given a target sequence and experimental structure factors, it will search for homologous structures, create a set of suitable search models from the template structures, do molecular replacement, and test the solutions with some rounds of restrained refinement. New: MrBUMP now searches the EBI-AFDB AlphaFold database for potential search models in addition to the PDB. This increases the pool of potential search models by 350000 with more to come in the near future.				
Zanuda	Space group and crystallographic origin validation				
AMPLE	Automated ab initio search model generation for molecular replacement.				
SHELX	Automated SHELXC/D/E structure solution pipeline for fast routine experimental phasing. Accepts data in XDS, Scalepack, SHELX hkl or mtz formats and outputs phases and a poly-Ala trace. If a protein sequence is provided BUCCANEER and REFMAC complete the structure.				
CRANK2	Automated structure solution pipeline for experimental phasing using maximum likelihood methods.				
MoRDa	MoRDa is a pipeline for molecular replacement protein structure solution based on its own domain database. Models relevant to the target sequence are further adjusted before molecular replacement search.				
SIMBAD	Sequence-independent molecular replacement, good for identifying if your crystal contains a contaminant protein SIMBAD can also do full search of homologous structures in difficult-to-solve novel target cases, but this functionality is not yet available through CCP4-Online.				

Crystallographic Ab Initio protein solution below atomic resolution



Home (Logout) > Login > Programs > ARCIMBOLDO

Username: iracaballero

ARCIMBOLDO

CLICK HERE TO START A NEW ARCIMBOLDO RUN

The table below shows your current ARCIMBOLDO runs - the results will be stored on the server for at least 30 days

id	Job Title	Delete/Stop	Date	Status	View Results

CCP4 STFC Rutherford Appleton Laboratory, Harwell Campus
Didcot Oxon OX11 0FA
Tel:(+44) 1235 567726 | Fax: +44 (+44) 1235 567720 | Email: ccp4@ccp4.ac.uk

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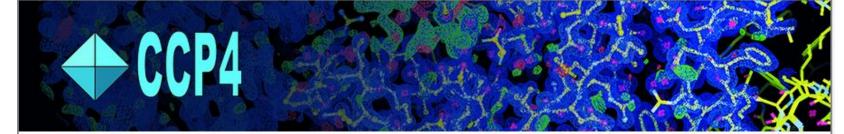
Home (Logout) > Login > Programs > ARCI	MBOLDO > New ARCIMBOLDO Run	Username: iracaballero
New ARCIMBOLDO Run		
ARCIMBOLDO combines fragment so À or better (4 Å for coiled-coil mode).	earch with PHASER and density modification and autotra	cing with SHELXE, at resolutions of 2.5
RCIMBOLDO_LITE uses single mo RCIMBOLDO_BORGES uses preco		
	igments from a distant homolog or predicted models.	
ata description		
run ARCIMBOLDO:	SHREDDER V Select SHR	EDDER
Job title (optional):	7q6t	
Input data (.mtz):	Browse 7q6t.mtz Upload cr	ystallographic data
Input type:	amplitudes v	
Column labels:	SIGF FP F SIGFP V	
Target Sequence:		
		Mi.
Asymmetric unit description:	Molecular weight: 16210 (please give eith	er this or the target sequence)

ARCIMBOLDO SHREDDER Browse... 7Q6T 62ff9 relaxed rank 1 model 5 0 0.pdb r.m.s.d.: 0.8 Model: Convert to polyalanine (optional): V Upload predicted model Make all B-factors equal (optional): Alphafold or RoseTTaFold model: True Activate predicted model mode Shredder mode: spherical Fragment size (optional): Maintain coil in the model (optional): V Perform gyre refinement (optional): Perform gimble refinement (optional): Perform LLG-guided pruning (optional): Combine phases with alixe (optional): Advanced options

Change r.m.s.d. - default is 1.2

Add keyword-value

Validate Restart Click first in validate, then in submit



Home (Logout) > Login > Programs > ARCIMBOLDO

Username: iracaballero

ARCIMBOLDO

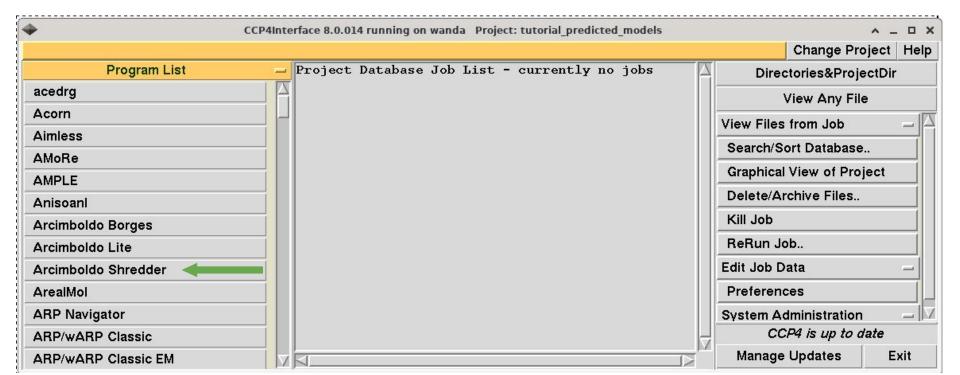
CLICK HERE TO START A NEW ARCIMBOLDO RUN

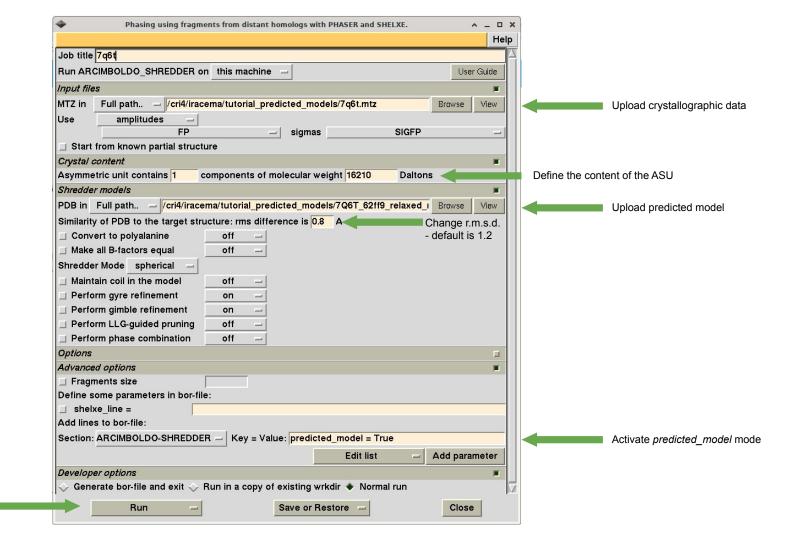
The table below shows your current ARCIMBOLDO runs - the results will be stored on the server for at least 30 days

id	Job Title	Delete/Stop	Date	Status	View Results
2609199041	7q6t	stop	14 Aug 2023 [10:03]	starting process	results

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CCP4i





Finally, click in Run

