Specific information about the dynamics of the PDBs which have already been run and uploaded to MDposit.

This file contains information about specific errors encountered and solved when running / imaging and fitting the PDBs files (downloaded from MemProtMD).

PDBs	Information about the configuration of the Imaging It should be noted that when imaging these trajectories, the workflow parameters from the test RMSD from the MoDEL_CNS workflow by Daniel Beltrán was edited. * Moreover, depending of the trajectory we set a std of the RMSD between a value of 6 and 8.	Status analysis (have passed the basic analyses: stable bonds, coherent bonds, RMSD?)	Uploaded	Website
2k58	std=6	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /64414f46d8203 151cefd371f/ove rview
2ksr	old protocol std=8	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644650e4df1b3 06958ae526d/ov erview
2r4s	std=5	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id

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				/644651c375cb3 56a864857fe/ov erview
2ydo	std=5	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /6447dbd90fba4 21040cbf1ef/ove rview
3eml	std=5	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /6447dc8b388f6 326e0d21435/ov erview
3kj6	std=5, std=6	Incorrect (std=5) Back Off! I just backed up md.imaged. Reading frame at t= 0 ps -> frame 0 time 0.000 Last written: frame 0 time 0.00 Last written: frame 0 time 0.00 WARNING: Default structure has wrong in the topology file has been modificated. Running "snapshots" Checking trajectory integrity Frame 10000 FAIL: Sudden RMSD jump between frame: Some of time 0.000 Last written: frame 0 time 0.000 MARNING: Default structure has wrong in the frame 10 frame: Frame 232 / 10001 Got it -> Frame 232 The topology file has been modificated. Running "snapshots" Checking trajectory integrity Frame 10000 FAIL: Sudden RMSD jump between frame: In VMD we don't see anything well, just a little jump, but not significant.		https://mdposit-d ev.mddbr.eu/#/id /6447ddb161110 c4a215c91f9/ov erview

		Correct As we see that it is well visually, we are going to make a trust. We have seen that for it to catch it correct all the frames we should put a std=6.2 but as it is practically insignificant we make a trust to this study and already. mwf -top md.tpr -traj md.xtc -char md.tpr -pr 4 -filt -i topologytrust cohbonds intrajrity		
3nya	std=5	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a3a280b169 a4e220d884f/ov erview
3p0g	std=5	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a3af158458 a67899273c9/ov erview
3pbl	std=5	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a3b671c08a 47680458b4c/ov erview
3pds	std=5, std=6	Incorrect Precision of nd.inaged.rot.xtc is 0.001 (nm Back Offi I just backed up nd.inaged.rot.dn Reading frame 1 time 10.000 Dumping frame at to 0 ps -> frame 0 time 0.000 Last written: frame 0 time 0.000 Last written: frame 0 time 0.000 Finding afe bonds Frame 10 time 0.000 Finding afe bonds canonical frame Frame 2 / 10001 Got it > Frame 2 The topology file has been modificated -> Running "snapshots" Checking trajectory integrity Frame 10000 FAIL: Sudden RMSD jump between frames 6671 Falled RMSD checking (nmf) tmartiny@orozco70:-/Escritorio/ventam	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a3be445f0e b06436c8b72/ov erview

3qak	std=5	When we visualize it in vmd everything seems to be correct Correct (std=6) Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a3c5db26b5 c135c1edee1/ov erview
3rze	std=5	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a3cc87f188 71ed442c565/ov erview
3vg9	std=5	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a3d2bd2b43 f298d1d3940/ov erview
3vga	std=5	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a3d97ca09c 034829ccd33/ov erview
4cof	std=6	ERROR BLAST Monthly Supplied The State of Control of	Yes	https://mdposit-d ev.mddbr.eu/#/id /6458fc9a39473 d49cf4972e9/ov erview
4eiy	std=5	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a3e2d6bf8af 4347a808cf/over view

4gbr	std=5	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a63ec05c7f 3693df9d870/ov erview
4mqs	std=5	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a64621c907 e7b16025d4f/ov erview
4mqt	std=5	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a662d9ebb3 531bccaed24/ov erview
4ug2	std=6	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a66935604b f3da7eee0f5/ove rview
4uhr	std=6	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a66fde3a94 049332ab54b/ov erview
5cxv	std=5	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a6762b56e9 853f4271cc2/ov erview
5d5b	std=6	Incorrect Running "snapshots" Checking trajectory integrity Frame 10000 FAIL: Sudden RMSD jump between Fatled RMSD checking Visually with vmd I don't see anything serious. I see that there is a mini jump between the 806 and 807 but well, I consider that it is small and that it is nothing relevant.	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a67dee7db1 660e391f913/ov erview

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		Correct Since I consider it to be insignificant, I make it a trust mwf -top md.tpr -traj md.xtc -char md.tpr -pr 4 -filt -i topologytrust cohbonds intrajrity		
5iu8	old protocol std=8	Correct (con mensaje de topo arreglado)	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a68726757e 26f7d16c337/ov erview
5iua <i>(</i>	old protocol std=8	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a69accd848 50f07f31483/ove rview
5jqh	std=6	Correct	No, interprone error	
5jtb	old protocol std=8	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a6a9a568b0 12676b22d7c/ov erview
5mzp	std=8 old protocol	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a6b18a0587 f330bd54c66/ov erview
5n2r	std=5	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a6bbeca7f5f 42cb915159/ove rview

5nlx	std=6	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a6c680c458 95292dd86cb/ov erview
5ojm	std=6	ERROR BLAST CONTROL OF THE PROPERTY OF THE PR	-	-
5olo	std=5	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a6d305358c 665108aa97c/ov erview
5om1	std=5	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a6d889fe29 86dc2627aa8/ov erview
5uig	old protocol std=8	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a6debaedd7 2776308939e/ov erview
5uvi	std=5	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a6e4952c87 f01bf091029/ove rview
5vra	old protocol std=8	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /644a6ef008f2ce 1105bbab1c/ove rview

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5wf5	old protocol std=8	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /6458be035d8cd 640f57f489d/ove rview
5wf6	old protocol std=8	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /6458be7a0b416 a421f0ee152/ov erview
5wiu	std=5, std=6	Incorrect (std=5) It tells me there is an RMSD error between 186 and 187 but when I look at it in vmd I don't see anything. Incorrect (std=6) Same RMSD error between 186 and 187 Correct As we can see that it looks good visually, we are going to make it a trust mwf -top md.tpr -traj md.xtc -char md.tpr -pr 4 -filt -i topologytrust cohbonds intrajrity	Yes	https://mdposit-d ev.mddbr.eu/#/id /6458bede362e6 a4327ca1c54/ov erview
5wiv	std=6	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /6458bf913fd7b5 443386745b/ove rview
5x7d	I do not remember	Incorrect: ValueError: Something went	Yes	https://mdposit-d ev.mddbr.eu/#/id /6458bffaab2b6c

	1		I	
		wrong with the Uniprot request (error 500)		4540781084/ove rview
		Correct		
Vuelvo a tirar el	analyzer y workflo se va	ow para estas a ver si a así:	lo de 100 ns	
5yc8	std=6	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /6458e25c8b6c0 646fca4807e/ov erview
5zk3	std=6	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /645901330e870 44ae5c09842/ov erview
5zk8	std=6	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /645cb041ba067 e16ecec3e59/ov erview
5zkb	std=6	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /645cb0aba835a e180666c357/ov erview
6a93	new protocol std=6	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /645cb0e47d1e9 6191cbd6def/ov erview
6a94	std=6	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /645cb11591eec 41a33e043dc/ov erview
6aqf	new protocol	Correct	Yes	https://mdposit-d

	std=8			ev.mddbr.eu/#/id /645cb1559bc81 a1b4e777253/ov erview
6bqg	std=6	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /645cb172297c0 21c5a68a227/ov erview
6bqh	std=6	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /645cb197563b9 41d6bce49ee/ov erview
6cm4	std=6	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /645cb1b81917f 61e7869e58c/ov erview
4cof	std=6	Correct	Yes	https://mdposit-d ev.mddbr.eu/#/id /6458fc9a39473 d49cf4972e9/ov erview

* The previous protocol before being edited in this project was the following: Al final he cambiado el protocolo (*Old protocol*) de esto:

```
p = Popen([
    "System",
], stdout=PIPE)
logs = run([
    input tpr filename,
    input_trajectory_filename,
    output_trajectory_filename,
    center selection filename,
], stdin=p.stdout, stdout=PIPE).stdout.decode()
p.stdout.close()
```

When doing the imaging of these proteins it was seen that a great large numbers of proteins were not correctly imaged. Therefore, it was changed from the above code to the following code:

```
input_tpr_filename,
    input_trajectory_filename,
    output trajectory filename,
], stdin=p.stdout, stdout=PIPE).stdout.decode()
p.stdout.close()
p = Popen([
], stdout=PIPE)
logs = run([
    input_tpr_filename,
   output trajectory filename,
   output trajectory filename,
    center selection filename,
], stdin=p.stdout, stdout=PIPE).stdout.decode()
p.stdout.close()
```