

## Viewing cerkl\_modbase\_252-358Hmulti.table

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All-Atom	Clashscore, all atoms:	<u> </u>		0 <sup>th</sup> percentile* (N=1784, all resolutions)		
Contacts	Clashscore is the number	of serious	rlaps (> 0.4 Å) per 1000 atoms.			
	Poor rotamers	3	3.66%	Goal: <1%		
	Ramachandran outliers	3	2.86%	Goal: <0.05%		
III I	Ramachandran favored	93 88.57%		Goal: >98%		
Protein Geometry	MolProbity score <sup>^</sup>	3.55		8 <sup>th</sup> percentile* (N=27675, 0Å - 99Å)		
	Cβ deviations >0.25Å	0	0.00%	Goal: 0		
	Bad backbone bonds:	0 / 791	0.00%	Goal: 0%		
	Bad backbone angles:	16 / 1074	1.49%	Goal: <0.1%		

In the two column results, the left column gives the raw count, right column gives the percentage.

<sup>^</sup> MolProbity score combines the clashscore, rotamer, and Ramachandran evaluations into a single score, normalized to be on the same scale as X-ray resolution.

#	Alt	Res	High B	Clash > 0.4Å	Ramachandran	Rotamer	Cβ deviation	Bond lengths	<b>Bond angles</b>
			Avg:	Clashscore:		Poor rotamers: 3 of			
252		SER	110.61 26.76	117.31 0.659Å OG with 287 PRO HB2	105 -	82 54.7% ( <i>m</i> ) chi angles: 299.8	0 of 94 0.087Å	-	of 107 -
253		VAL	48.83	0.88Å HB with 294 LEU HD12	Favored (52.28%) Isoleucine or valine /-104.0,119.1	56.1% ( <i>t</i> ) chi angles: 169.5	0.129Å	-	-
254		VAL	95.83	0.491Å O with 254 VAL HG13	Favored (47.91%) Isoleucine or valine /-98.7,130.2	7.5% (p) chi angles: 59	0.076Å	-	-
255		CYS	87.38	0.738Å HB3 with 265 VAL HG21	Favored (25.05%) General / -92.3,112.9	25.5% (p) chi angles: 57.7	0.07Å	-	-

<sup>\* 100&</sup>lt;sup>th</sup> percentile is the best among structures of comparable resolution; 0<sup>th</sup> percentile is the worst. For clashscore the comparative set of structures was selected in 2004, for MolProbity score in 2006.

256	VAL 59.76	0.914Å HA with 297 ILE HG22	Favored (15.53%) Isoleucine or valine /-99.5,104.0	27.3% (m) chi angles: 296	0.032Å	-	-
257	GLY 33.58	1.039Å HA2 with 299 ALA HB3	Favored (34.41%) Glycine / 157.9,-168.1	-	-	-	-
258	GLY 34.43	-	Favored (43.89%) Glycine / -83.1,-168.9	-	-	-	-
259	ASP 89.91	-	Favored (86.26%) General / -60.1,-39.4	43.1% ( <i>t0</i> ) chi angles: 193.1,19.6	0.086Å	-	OUTLIER(S) worst is CA-CB-CG: 4.607 $\sigma$
260	GLY 23.54	-	Favored (98.15%) Glycine / -64.2,-41.9	-	-	-	-
261	SER 72.22	-	Favored (90.67%) General / -64.0,-45.0	47.6% (t) chi angles: 180	0.071Å	-	-
262	ALA 40.77	0.55Å O with 265 VAL HG22	Favored (96.45%) General / -61.6,-40.9	-	0.084Å	-	-
263	SER 80.26	-	Favored (93.25%) General / -63.4,-39.0	73.9% ( <i>m</i> ) chi angles: 295.2	0.083Å	-	-
264	GLU 46.22	-	Favored (88.2%) General / -64.1,-45.5	52.2% ( <i>mt-10</i> ) chi angles: 290.5,192.7,312.4	0.087Å	-	-
265	VAL 108.33	0.738Å HG21 with 255 CYS HB3	Favored (94.33%) Isoleucine or valine / -65.2,-45.3	30.4% ( <i>m</i> ) chi angles: 294.3	0.076Å	-	-
266	ALA 45.98	0.565Å N with 265 VAL HG23	Favored (96.9%) General / -61.9,-44.4	-	0.092Å	-	-
267	HIS 81.91	0.519Å HD2 with 343 ARG HB3	Favored (97.41%) General / -64.0,-40.9	57.7% ( <i>t-80</i> ) chi angles: 187.9,267.8	0.076Å	-	OUTLIER(S) worst is CD2- NE2-CE1: 4.455 σ

268	ALA 40.77	1.122Å HB1 with 277 ALA HB1	Favored (95.76%) General / -60.5,-44.6	-	0.072Å	-	OUTLIER(S) worst is C-N- CA: 4.163 σ
269	LEU 81.86	0.953Å HD12 with 294 LEU HD21	Favored (13.52%) General / -65.2,-56.3	25.8% ( <i>mt</i> ) chi angles: 290.6,189.7	0.098Å	-	-
270	LEU 140.79	0.804Å HD22 with 271 LEU HD12	Favored (11.29%) General / -70.9,-54.5	4.4% (tt) chi angles: 190.8,176.1	0.049Å	-	-
271	LEU 231.07	0.804Å HD12 with 270 LEU HD22	Favored (9.36%) General / -99.7,169.3	5.9% ( <i>mp</i> ) chi angles: 292.8,64.9	0.093Å	-	-
# Alt	Res High B	Clash > 0.4Å	Ramachandran	Rotamer	Cβ deviation	Bond lengths	<b>Bond angles</b>
	Avg: 110.61	Clashscore: 117.31	Outliers: 3 of 105	Poor rotamers: 3 of 82		Outliers: 0 of 107	Outliers: 16 of 107
272	ARG 254.22	0.588Å HA with 278 GLY CA	Favored (49.59%) General / -66.7,150.1	0% chi angles: 307.8,226.4,101.8,260	0.098Å	-	-
273	ALA 227.12	0.782Å HB3 with 277 ALA HB3	Favored (31.98%) General / -125.0,159.1	-	0.102Å	-	-
274	GLN 129.03	-	Favored (85.84%) General / -63.3,-46.6	64.7% (tt0) chi angles: 179.8,180.2,31.4	0.1Å	-	-
275	LYS 293.87	-	Favored (36.34%) General / -139.9,139.8	37.3% ( <i>ttpt</i> ) chi angles: 183,173,81.4,174.1	0.117Å	-	-
276	ASN 239.14	-	Favored (10.01%) General / 45.3,46.1	73% ( <i>m-20</i> ) chi angles: 289.2,303	0.07Å	-	OUTLIER(S) worst is CA-CB-CG: $5.456 \sigma$
277	ALA 283.13	1.122Å HB1 with 268 ALA HB1	Favored (2.34%) General / -175.0,175.3	-	0.096Å	-	-
278	GLY 272.41	0.749Å HA2 with 271 LEU O	Favored (2.25%) Glycine / 113.2,-41.3	-	-	-	-

279	MET 144.44	-	Favored (24.66%) General / -161.4,168.0	96.9% ( <i>mtp</i> ) chi angles: 293.9,180.9,75.1	0.121Å	-	-
280	GLU 103.55	1.119Å HG2 with 285 LEU H	Allowed (1.15%) General / -153.4,-160.8	5.3% ( <i>tp10</i> ) chi angles: 209.3,79.5,50.7	0.079Å	-	-
281	THR 131.82	-	Allowed (0.11%) General / -77.2,-158.5	61.6% (p) chi angles: 62.7	0.073Å	-	-
282	ASP 56.98	-	Favored (50.13%) General / -58.0,-54.2	56.9% ( <i>m-20</i> ) chi angles: 292.9,300.7	0.065Å	-	OUTLIER(S) worst is CA-CB-CG: $5.67 \sigma$
283	ARG 143.69	-	Favored (51.48%) General / -104.0,127.8	0.1% chi angles: 276.2,87.7,94.4,140.2	0.138Å	-	-
284	ILE 88.89	0.763Å HA with 280 GLU HB3	/ -60.3,142.4	93.4% ( <i>mt</i> ) chi angles: 297.9,168.3	0.09Å	-	-
285	LEU 143.86	1.119Å H with 280 GLU HG2	Favored (78.5%) General / -55.9,-45.2	2.8% (tm?) chi angles: 180.1,291	0.089Å	-	-
286	THR 228.94	0.765Å OG1 with 253 VAL HG23	Favored (43.48%) Pre-proline / -83.0,137.1	11.1% ( <i>t</i> ) chi angles: 184.6	0.124Å	-	-
287	PRO 113.13	0.664Å HD3 with 285 LEU O	Favored (28.71%) Trans-proline / -78.5,158.2	76.5% ( <i>Cg_exo</i> ) chi angles: 333.2	0.086Å	-	-
288	VAL 167.56	0.98Å HA with 294 LEU HD22	Allowed (1.6%) Isoleucine or valine /-97.5,168.6	28.5% ( <i>m</i> ) chi angles: 295.3	0.107Å	-	-
289	ARG 302.22	0.834Å CZ with 323 ILE HA	Favored (3.74%) General / -148.8,-170.9	32.1% (mtm105) chi angles: 292.4,188.4,297.4,87.8	0.131Å	-	-
290	ALA 240.95	0.653Å HB2 with 326 HIS O	Favored (27.44%) General / -59.8,150.7	-	0.089Å	-	-
		0.668Å	OUTLIER	27.1% ( <i>mm-40</i> )			

291	GLN 271.8	OE1 with 309 LEU HD11	(0.02%) General / 93.4,169.6	chi angles: 297.1,300.7,8.5	0.107Å	-	-
#	Alt Res High B	Clash > 0.4Å	Ramachandran	Rotamer	Cβ deviation	Bond lengths	<b>Bond angles</b>
	Avg: 110.61	Clashscore: 117.31	Outliers: 3 of 105	Poor rotamers: 3 of 82		Outliers: 0 of 107	Outliers: 16 of 107
292	LEU 60.04	0.523Å HB2 with 293 PRO CD	Favored (76.55%) Pre-proline / -62.5,-41.9	66.9% ( <i>mt</i> ) chi angles: 298.3,184.6	0.041Å	-	-
293	PRO 69.76	0.523Å CD with 292 LEU HB2	Favored (21.95%) Trans-proline / -80.2,164.3	9.6% ( <i>Cg_endo</i> ) chi angles: 12.9	0.113Å	-	-
294	LEU 255.97	0.98Å HD22 with 288 VAL HA	Favored (25.18%) General / -58.6,-56.2	56.2% ( <i>mt</i> ) chi angles: 307.6,179	0.212Å	-	-
295	GLY 55.38	0.71Å HA3 with 289 ARG NH2	Favored (9.16%) Glycine / -152.9,142.3	-	-	-	-
296	5 LEU 151.76	0.993Å HD21 with 306 ALA HB2	Favored (43.09%) General / -134.4,136.1	55.8% ( <i>tp</i> ) chi angles: 172.5,63.3	0.12Å	-	-
297	' ILE 165.66	0.914Å HG22 with 256 VAL HA	Favored (28.52%) Pre-proline / -121.8,120.5	0% chi angles: 192.8,294.4	0.045Å	-	-
298	PRO 117.73	0.737Å HD2 with 297 ILE HD13	OUTLIER (0.1%) Trans-proline / -62.1,74.8	95% ( <i>Cg_endo</i> ) chi angles: 30.4	0.052Å	-	-
299	ALA 82.49	1.039Å HB3 with 257 GLY HA2	Favored (48.07%) General / -78.5,-33.5	-	0.083Å	-	-
300	GLY 45.76	-	Favored (48.53%) Glycine / -80.0,-175.6	-	-	-	-
301	SER 89.25	-	Allowed (0.14%) General / -68.9,-74.0	65.3% (p) chi angles: 56.9	0.044Å	-	-

302	THR 117.84	0.59Å HG23 with 303 ASN N	Favored (74.37%) General / -65.1,-48.2	9% ( <i>t</i> ) chi angles: 183.4	0.049Å	-	-
303	ASN 50.89	0.59Å N with 302 THR HG23	Favored (30.81%) General / 54.3,43.3	92.4% ( <i>m-20</i> ) chi angles: 292.9,324	0.094Å	-	OUTLIER(S) worst is CA-CB- CG: 4.092 σ
304	VAL 98.1	0.608Å HG13 with 305 LEU N	Favored (83.85%) Isoleucine or valine / -60.9,-49.6	7.6% (p) chi angles: 59.1	0.041Å	-	-
305	LEU 103.45	0.63Å HD23 with 346 PHE HD1	Favored (83.27%) General / -64.8,-46.2	3.1% ( <i>tm?</i> ) chi angles: 180.4,287.4	0.064Å	-	-
306	ALA 35.54	0.993Å HB2 with 296 LEU HD21	Favored (87.98%) General / -60.9,-47.1	-	0.098Å	-	-
307	HIS 73.04	-	Favored (73.92%) General / -69.5,-43.0	56.3% ( <i>t-80</i> ) chi angles: 193.6,275.5	0.084Å	-	OUTLIER(S) worst is CD2- NE2-CE1: 4.371 σ
308	SER 32.31	-	Favored (70.69%) General / -59.3,-51.3	92% ( <i>p</i> ) chi angles: 62.9	0.083Å	-	-
309	LEU 126.26	0.683Å HD22 with 311 GLY CA	Favored (83.81%) General / -62.5,-36.8	3.2% (tt) chi angles: 187.2,179.8	0.091Å	-	-
310	HIS 257.37	-	Favored (11.51%) General / 64.3,18.8	20.1% ( <i>t60</i> ) chi angles: 196.6,89.2	0.095Å	-	OUTLIER(S) worst is CD2- NE2-CE1: 4.44 $\sigma$
311	GLY 126.77	0.683Å CA with 309 LEU HD22	Favored (79.02%) Glycine / -68.4,-43.4	-	-	-	-
# Al	t Res High B	Clash > 0.4Å	Ramachandran	Rotamer	<b>C</b> β <b>deviation</b>	Bond lengths	<b>Bond angles</b>
	Avg: 110.61	Clashscore: 117.31	Outliers: 3 of 105	Poor rotamers: 3 of 82		Outliers: 0 of 107	Outliers: 16 of 107
312	VAL 127.62	0.738Å HG21 with 306 ALA HB1	Favored (50.84%) Pre-proline / -82.1,133.5	35.2% ( <i>m</i> ) chi angles: 298.2	0.095Å	-	-

313	PRO 143.88	0.439Å HD2 with 312 VAL HA	Favored (22.13%) Trans-proline / -80.1,154.0	11.4% ( <i>Cg_endo</i> ) chi angles: 14.6	0.089Å	-	-
314	HIS 101.61	-	Favored (72.1%) General / -71.2,-37.7	42.8% ( <i>t60</i> ) chi angles: 198.3,69.3	0.095Å	-	OUTLIER(S) worst is CD2- NE2-CE1: 4.401 σ
315	VAL 92.08	0.72Å HG13 with 318 ALA HB3	Favored (23.28%) Isoleucine or valine / -58.9,131.6	9.3% (p) chi angles: 60.5	0.046Å	-	-
316	ILE 91.53	0.705Å HG13 with 317 THR N	Favored (94.2%) Isoleucine or valine /-65.4,-45.1	42.2% (pt) chi angles: 62.2,166.7	0.054Å	-	-
317	THR 30.17	0.705Å N with 316 ILE HG13	General / -65.2,-45.2	71.2% (p) chi angles: 61.9	0.062Å	-	-
318	ALA 33.81	0.72Å HB3 with 315 VAL HG13	Favored (93.43%) General / -63.4,-44.9	-	0.071Å	-	-
319	THR 105.68	0.836Å HA with 322 ILE HD13	Favored (86.09%) General / -62.0,-37.8	12.9% ( <i>t</i> ) chi angles: 185.9	0.057Å	-	-
320	LEU 93.53	0.674Å O with 320 LEU HD23	Favored (88.6%) General / -62.1,-38.4	3.2% (tt) chi angles: 187.4,180	0.083Å	-	-
321	HIS 111.84	-	Favored (76.74%) General / -62.0,-34.8	29.1% ( <i>t60</i> ) chi angles: 189,94.5	0.091Å	-	OUTLIER(S) worst is CD2- NE2-CE1: 4.442 σ
322	ILE 88.05	0.836Å HD13 with 319 THR HA	Favored (37.34%) Isoleucine or valine /-56.8,-32.2	3.5% ( <i>mp</i> ) chi angles: 294.4,76.6	0.108Å	-	-
323	ILE 53.31	0.834Å HA with 289 ARG CZ	Favored (57.14%) Isoleucine or valine /-56.9,-38.0	71.4% ( <i>mt</i> ) chi angles: 301.8,166.7	0.071Å	-	-
324	MET 129.23	-	Favored (74.59%) General / -63.4,-33.0	6.1% ( <i>tpt</i> ) chi angles: 205.1,73.9,171.5	0.107Å	-	-

325	GLY 37.06	-	Favored (24.71%) Glycine / -62.3,164.3	-	-	-	-
326	HIS 84.92	0.653Å O with 290 ALA HB2	Favored (34.99%) General / -72.6,158.8	75.4% ( <i>m80</i> ) chi angles: 293.8,77.5	0.069Å	-	OUTLIER(S) worst is CD2- NE2-CE1: 4.439 σ
327	VAL 111.69	0.794Å HG23 with 289 ARG CA	Favored (4.23%) Isoleucine or valine / -85.7,149.5	12.4% ( <i>p</i> ) chi angles: 62.3	0.089Å	-	-
328	GLN 75.72	0.585Å H with 290 ALA HA	Favored (35.18%) General / -134.0,128.8	8.8% (tt0) chi angles: 185.6,174.3,183.4	0.105Å	-	-
329	LEU 119.8	0.741Å H with 329 LEU HD23	Favored (53.84%) General / -105.5,129.2	1.3% (pt?) chi angles: 66.1,180.2	0.103Å	-	-
330	VAL 49.65	0.739Å HG12 with 331 ASP O	Favored (22.56%) Isoleucine or valine / -141.9,146.6	75.7% ( <i>t</i> ) chi angles: 174.1	0.085Å	-	-
331	ASP 98.59	0.739Å O with 330 VAL HG12	Favored (3.25%) General / -90.8,-172.1	48.6% ( <i>t0</i> ) chi angles: 191.4,9.1	0.112Å	-	OUTLIER(S) worst is C-N-CA: $5.018 \sigma$
	ASP 98.59	O with 330	(3.25%) General /	chi angles: 191.4,9.1	0.112Å Cβ deviation	- Bond lengths	worst is C-N-
		O with 330 VAL HG12  Clash >	(3.25%) General / -90.8,-172.1 <b>Ramachandran</b>	chi angles: 191.4,9.1	<b>C</b> β <b>deviation</b> Outliers:	lengths	worst is C-N- CA: 5.018 σ <b>Bond angles</b>
	It Res High B  Avg:	O with 330 VAL HG12  Clash > 0.4Å  Clashscore:	(3.25%) General / -90.8,-172.1  Ramachandran  Outliers: 3 of	chi angles: 191.4,9.1  Rotamer  Poor rotamers: 3 of	<b>C</b> β <b>deviation</b> Outliers:	<b>lengths</b> Outliers:	worst is C-N-CA: $5.018 \sigma$ <b>Bond angles</b> Outliers: 16
# Al	Avg: 110.61	O with 330 VAL HG12  Clash > 0.4Å  Clashscore: 117.31  0.727Å HG22 with	(3.25%) General / -90.8,-172.1  Ramachandran  Outliers: 3 of 105 Allowed (1.19%) Isoleucine or valine	Rotamer Poor rotamers: 3 of 82 84.1% (t)	<b>C</b> β <b>deviation</b> Outliers: 0 of 94	<b>lengths</b> Outliers:	worst is C-N-CA: $5.018 \sigma$ <b>Bond angles</b> Outliers: 16
# Al	Avg: 110.61 VAL 86.06	O with 330 VAL HG12  Clash > 0.4Å  Clashscore: 117.31  0.727Å HG22 with 345 GLY HA2  0.403Å SG with 334	(3.25%) General / -90.8,-172.1  Ramachandran  Outliers: 3 of 105 Allowed (1.19%) Isoleucine or valine / -71.2,103.4 Allowed (1.69%) General /	Rotamer  Poor rotamers: 3 of 82  84.1% (t) chi angles: 174.8	Cβ deviation Outliers: 0 of 94 0.12Å	<b>lengths</b> Outliers:	worst is C-N-CA: $5.018 \sigma$ <b>Bond angles</b> Outliers: 16

336	SER 100.48	0.449Å HB3 with 335 PHE O	-111.7,-158.7 OUTLIER (0.01%) General / 177.3,-144.0	99.1% ( <i>p</i> ) chi angles: 64.6	0.116Å	-	-
337	THR 110.72	0.742Å CG2 with 340 LYS HA	Favored (28.92%) General / -101.1,145.3	14.9% ( <i>t</i> ) chi angles: 188.7	0.097Å	-	-
338	ALA 31.16	-	Favored (54.14%) General / -111.9,125.5	-	0.108Å	-	-
339	GLY 22.82	0.412Å C with 341 LEU H	Favored (74.66%) Glycine / 77.7,0.7	-	-	-	-
340	LYS 102.5	0.742Å HA with 337 THR CG2	Allowed (1.15%) General / 69.2,-5.0	37.8% ( <i>mtmt</i> ) chi angles: 293.8,165,298.3,170.2	0.06Å	-	-
341	LEU 155.23	0.412Å H with 339 GLY C	Favored (5.98%) General / -75.8,-55.1	62.7% ( <i>tp</i> ) chi angles: 179.4,63.8	0.11Å	-	-
342	LEU 170.71	0.775Å HD23 with 343 ARG N	Favored (47.87%) General / -118.2,142.0	5.6% (tt) chi angles: 181.9,167.6	0.059Å	-	-
343	ARG 161.92	0.775Å N with 342 LEU HD23	Favored (29.46%) General / -116.9,155.2	44.9% (ttt180) chi angles: 160.1,185.5,164.8,181	0.11Å	-	-
344	PHE 103.11	0.58Å O with 332 VAL HG11	Favored (23.13%) General / -146.8,136.5	21.9% ( <i>p90</i> ) chi angles: 59.1,284.3	0.118Å	-	-
345	GLY 70.57	0.727Å HA2 with 332 VAL HG22	Favored (51.04%) Glycine / -74.5,-35.8	-	-	-	-
346	PHE 140.71	0.63Å HD1 with 305 LEU HD23	Allowed (0.15%) General / -98.0,-113.3	48.8% ( <i>t80</i> ) chi angles: 191.4,72.2	0.076Å	-	OUTLIER(S) worst is CA-CB- CG: 6.473 σ
347	SER 100.17	0.48Å N with 346 PHE CD2	Favored (22.67%) General / -129.4,164.9	68.4% ( <i>m</i> ) chi angles: 296.2	0.093Å	-	-

348	ALA	32.37	-	Favored (54.43%) General / -121.9,138.3	-	0.097Å	-	-
349	MET	94.34	-	Favored (47.53%) General / -111.9,139.3	1.8% (mpt?) chi angles: 285.2,74.6,159.7	0.152Å	-	-
350	РНЕ	99.52	0.411Å CD2 with 351 GLY O	Favored (51.01%) General / -129.6,150.3	30.6% ( <i>t80</i> ) chi angles: 196.3,73.4	0.067Å	-	OUTLIER(S) worst is CA-CB-CG: $4.546 \sigma$
351	GLY	18.76	0.411Å O with 350 PHE CD2	Favored (12.4%) Glycine / -110.7,166.9	-	-	-	-
# <b>A</b> l	lt Res	High B	Clash > 0.4Å	Ramachandran	Rotamer	Cβ deviation	Bond lengths	<b>Bond angles</b>
		Avg: 110.61	Clashscore: 117.31	Outliers: 3 of 105	Poor rotamers: 3 of 82		Outliers: 0 of 107	Outliers: 16 of 107
352	РНЕ	37.33	-	Favored (49.82%) General / -104.0,132.8	89.5% ( <i>m-85</i> ) chi angles: 299.7,88.6	0.073Å	-	OUTLIER(S) worst is CA-CB-CG: $6.343 \sigma$
353	GLY	17.5	-	Favored (16.22%) Glycine / 141.1,177.4	-	-	-	-
354	GLY	18.52	-	Favored (30.05%) Glycine / -97.5,-155.4	-	-	-	-
355	ARG	154.09	-	Favored (7.77%) General / -110.0,170.9	16.2% ( <i>mtp85</i> ) chi angles: 282.9,165.9,27.6,89.9	0.148Å	-	-
356	THR	116.03	-	Favored (18.04%) General / -74.3,169.2	15.3% ( <i>t</i> ) chi angles: 187.7	0.08Å	-	-
357	LEU	216.07	0.798Å HD23 with 358 ALA N	Favored (48.8%) General / -105.4,134.3	3.4% (tt) chi angles: 188.6,179.3	0.046Å	-	-
358	ALA	33.4	0.798Å N with 357 LEU HD23	-	-	0.109Å	-	-

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