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270	TYR	H	280	TYR	O	1.8
270	TYR	N	280	TYR	O	2.7
271	HIS	H	340	GLY	O	1.8
271	HIS	N	340	GLY	O	2.7
272	VAL	H	278	LEU	O	1.8
272	VAL	N	278	LEU	O	2.7
273	LEU	H	331	SER	OG	1.8
273	LEU	N	331	SER	OG	2.7
274	VAL	H	276	VAL	O	1.8
274	VAL	N	276	VAL	O	2.7
277	LYS	H	296	ARG	O	1.8
277	LYS	N	296	ARG	O	2.7
279	VAL	H	276	HIS	O	1.8
279	VAL	N	276	HIS	O	2.7
300	ASP	H	297	SER	OG	1.8
300	ASP	N	297	SER	OG	2.7
301	ALA	H	297	SER	O	1.8
301	ALA	N	297	SER	O	2.7
302	ILE	H	298	ARG	O	1.8
302	ILE	N	298	ARG	O	2.7
303	ASN	H	299	ALA	O	1.8
303	ASN	N	299	ALA	O	2.7
304	LEU	H	300	ASP	O	1.8
304	LEU	N	300	ASP	O	2.7
305	ALA	H	301	ALA	O	1.8
305	ALA	N	301	ALA	O	2.7
306	GLN	H	302	ILE	O	1.8
306	GLN	N	302	ILE	O	2.7
307	ALA	H	303	ASN	O	1.8
307	ALA	N	303	ASN	O	2.7
308	ILE	H	304	LEU	O	1.8
308	ILE	N	304	LEU	O	2.7
309	LEU	H	305	ALA	O	1.8
309	LEU	N	305	ALA	O	2.7
310	ALA	H	306	GLN	O	1.8
310	ALA	N	306	GLN	O	2.7
322	GLU	H	319	SER	OG	1.8
322	GLU	H	319	SER	OG	2.7
323	PHE	H	319	SER	O	1.8
323	PHE	H	319	SER	O	2.7
324	VAL	H	320	LEU	O	1.8
324	VAL	N	320	LEU	O	2.7
325	GLN	H	321	ASP	O	1.8
325	GLN	N	321	ASP	O	2.7
326	VAL	H	323	PHE	O	1.8
326	VAL	N	323	PHE	O	2.7
327	VAL	H	323	PHE	O	1.8
327	VAL	N	323	PHE	O	2.7
328	ARG	H	324	VAL	O	1.8
328	ARG	N	324	VAL	O	2.7
330	PHE	H	326	VAL	O	1.8
330	PHE	N	326	VAL	O	2.7
331	SER	H	327	VAL	O	1.8
331	SER	N	327	VAL	O	2.7
332	GLU	H	273	LEU	O	1.8
332	GLU	N	273	LEU	O	2.7
333	CYS	H	331	SER	OG	1.8
333	CYS	N	331	SER	OG	2.7
341	ASP	H	338	ARG	O	1.8
341	ASP	N	338	ARG	O	2.7
342	LEU	H	269	PHE	O	1.8
342	LEU	N	269	PHE	O	2.7
358	ALA	H	354	PHE	O	1.8

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270	TYR	H	280	TYR	O	2.6
270	TYR	N	280	TYR	O	3.5
271	HIS	H	340	GLY	O	2.6
271	HIS	N	340	GLY	O	3.5
272	VAL	H	278	LEU	O	2.6
272	VAL	N	278	LEU	O	3.5
273	LEU	H	331	SER	OG	2.6
273	LEU	N	331	SER	OG	3.5
274	VAL	H	276	VAL	O	2.6
274	VAL	N	276	VAL	O	3.5
277	LYS	H	296	ARG	O	2.6
277	LYS	N	296	ARG	O	3.5
279	VAL	H	276	HIS	O	2.6
279	VAL	N	276	HIS	O	3.5
300	ASP	H	297	SER	OG	2.6
300	ASP	N	297	SER	OG	3.5
301	ALA	H	297	SER	O	2.6
301	ALA	N	297	SER	O	3.5
302	ILE	H	298	ARG	O	2.6
302	ILE	N	298	ARG	O	3.5
303	ASN	H	299	ALA	O	2.6
303	ASN	N	299	ALA	O	3.5
304	LEU	H	300	ASP	O	2.6
304	LEU	N	300	ASP	O	3.5
305	ALA	H	301	ALA	O	2.6
305	ALA	N	301	ALA	O	3.5
306	GLN	H	302	ILE	O	2.6
306	GLN	N	302	ILE	O	3.5
307	ALA	H	303	ASN	O	2.6
307	ALA	N	303	ASN	O	3.5
308	ILE	H	304	LEU	O	2.6
308	ILE	N	304	LEU	O	3.5
309	LEU	H	305	ALA	O	2.6
309	LEU	N	305	ALA	O	3.5
310	ALA	H	306	GLN	O	2.6
310	ALA	N	306	GLN	O	3.5
322	GLU	H	319	SER	OG	2.6
322	GLU	H	319	SER	OG	3.5
323	PHE	H	319	SER	O	2.6
323	PHE	H	319	SER	O	3.5
324	VAL	H	320	LEU	O	2.6
324	VAL	N	320	LEU	O	3.5
325	GLN	H	321	ASP	O	2.6
325	GLN	N	321	ASP	O	3.5
326	VAL	H	323	PHE	O	2.6
326	VAL	N	323	PHE	O	3.5
327	VAL	H	323	PHE	O	2.6
327	VAL	N	323	PHE	O	3.5
328	ARG	H	324	VAL	O	2.6
328	ARG	N	324	VAL	O	3.5
330	PHE	H	326	VAL	O	2.6
330	PHE	N	326	VAL	O	3.5
331	SER	H	327	VAL	O	2.6
331	SER	N	327	VAL	O	3.5
332	GLU	H	273	LEU	O	2.6
332	GLU	N	273	LEU	O	3.5
333	CYS	H	331	SER	OG	2.6
333	CYS	N	331	SER	OG	3.5
341	ASP	H	338	ARG	O	2.6
341	ASP	N	338	ARG	O	3.5
342	LEU	H	269	PHE	O	2.6
342	LEU	N	269	PHE	O	3.5
358	ALA	H	354	PHE	O	2.6

358	ALA	N	354	PHE	O	2.7	358	ALA	N	354	PHE	O	3.5
361	LEU	H	358	ALA	O	1.8	361	LEU	H	357	VAL	O	2.6
361	LEU	N	358	ALA	O	2.7	361	LEU	N	357	VAL	O	3.5
364	GLY	H	281	ARG	O	1.8	364	GLY	H	281	ARG	O	2.6
364	GLY	N	281	ARG	O	2.7	364	GLY	N	281	ARG	O	3.5
365	GLU	H	362	LYS	O	1.8	365	GLU	H	362	LYS	O	2.6
365	GLU	N	362	LYS	O	2.7	365	GLU	N	362	LYS	O	3.5
367	SER	H	279	ILE	O	1.8	367	SER	H	279	ILE	O	2.6
367	SER	N	279	ILE	O	2.7	367	SER	N	279	ILE	O	3.5
370	VAL	H	277	HIS	O	1.8	370	VAL	H	277	HIS	O	2.6
370	VAL	N	277	HIS	O	2.7	370	VAL	N	277	HIS	O	3.5
372	THR	H	275	GLY	O	1.8	372	THR	H	275	GLY	O	2.6
372	THR	N	275	GLY	O	2.7	372	THR	N	275	GLY	O	3.5
375	GLY	H	272	THR	O	1.8	375	GLY	H	272	THR	O	2.6
375	GLY	N	272	THR	O	2.7	375	GLY	N	272	THR	O	3.5
376	VAL	H	274	VAL	O	1.8	376	VAL	H	274	VAL	O	2.6
376	VAL	N	274	VAL	O	2.7	376	VAL	N	274	VAL	O	3.5
377	HIS	H	270	VAL	O	1.8	377	HIS	H	270	VAL	O	2.6
377	HIS	N	270	VAL	O	2.7	377	HIS	N	270	VAL	O	3.5
378	LEU	H	272	VAL	O	1.8	378	LEU	H	272	VAL	O	2.6
378	LEU	N	272	VAL	O	2.7	378	LEU	N	272	VAL	O	3.5
379	ILE	H	267	SER	OG	1.8	379	ILE	H	267	SER	OG	2.6
379	ILE	N	267	SER	OG	2.7	379	ILE	N	267	SER	OG	3.5
380	TYR	H	270	TYR	O	1.8	380	TYR	H	270	TYR	O	2.6
380	TYR	N	270	TYR	O	2.7	380	TYR	N	270	TYR	O	3.5
381	ARG	H	265	GLU	O	1.8	381	ARG	H	265	GLU	O	2.6
381	ARG	N	265	GLU	O	2.7	381	ARG	N	265	GLU	O	3.5
382	VAL	H	268	HIS	O	1.8	382	VAL	H	268	HIS	O	2.6
382	VAL	N	268	HIS	O	2.7	382	VAL	N	268	HIS	O	3.5
							286	ALA	QB	336	ALA	QB	3.8