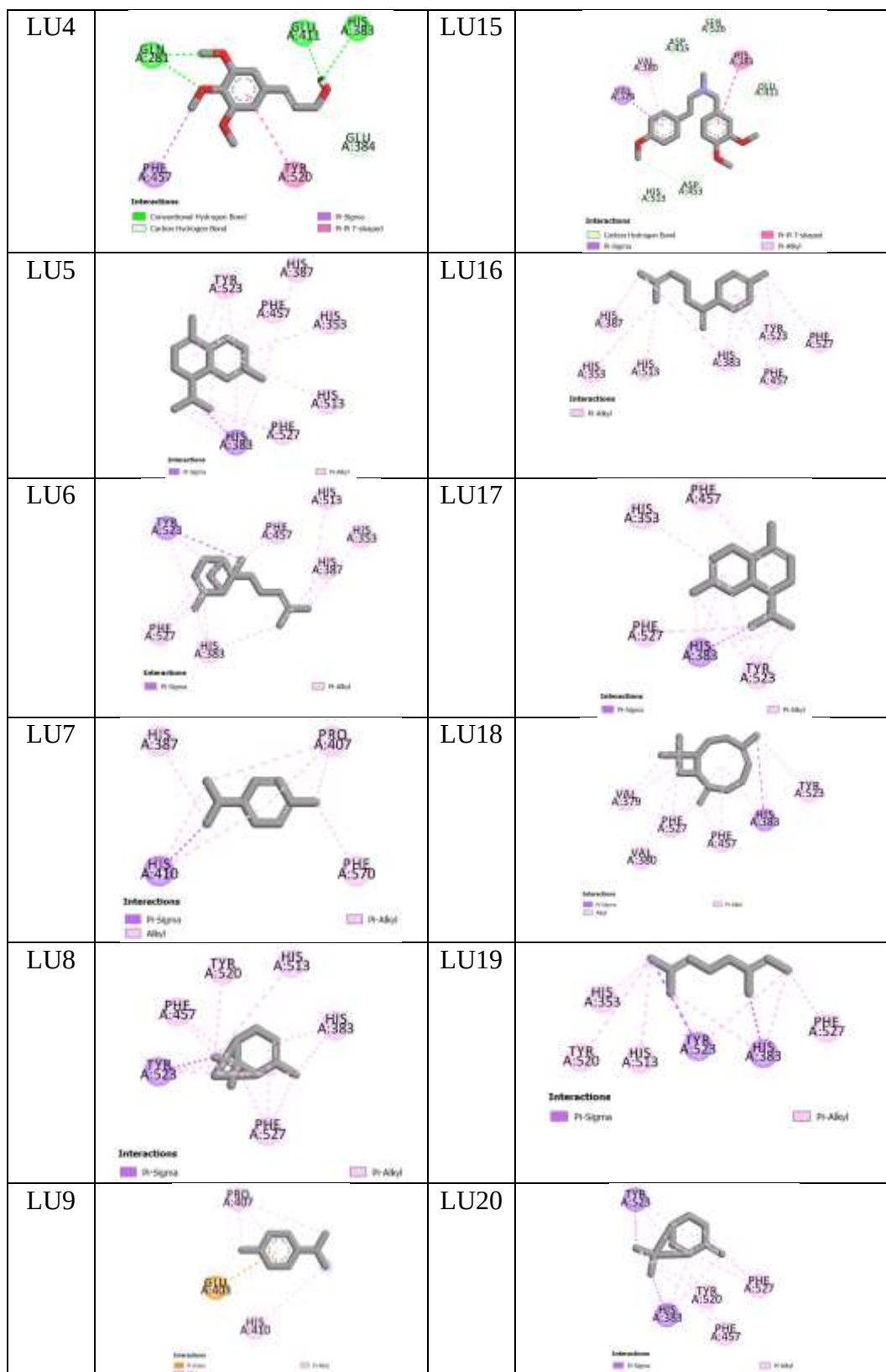
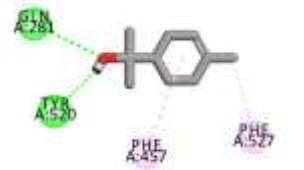
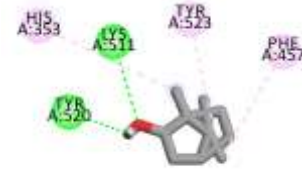
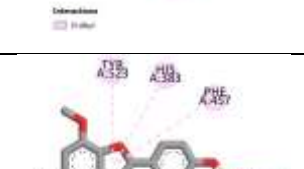
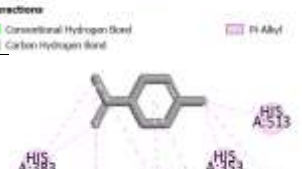


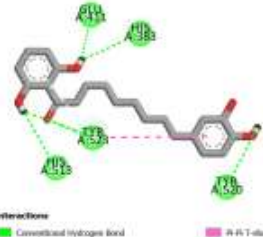
LAMPIRAN

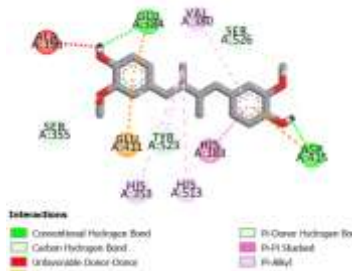
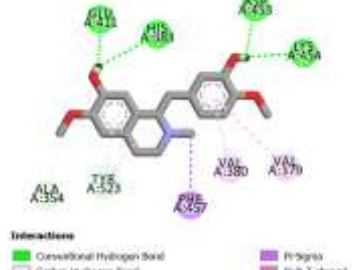
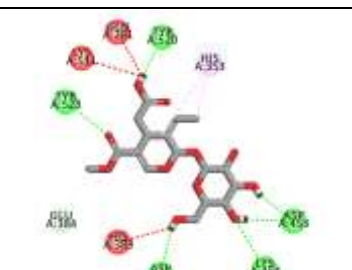
Lampiran 1 Visualisasi 2D Interaksi Enzim-Ligan

Kode Ligan	2D	Kode Ligan	2D
L1A	Interactions - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Hydrophobic Aromatic Interaction - Pi-Sigma - Pi-Alkyl - Pi-Pi	LU11	Interactions - Pi-Sigma - Pi-Alkyl
LU1	Interactions - Conventional Hydrogen Bond - Pi-Alkyl	LU12	Interactions - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Pi-Sigma - Pi-Alkyl - Pi-Pi Stacked
LU2	Interactions - Conventional Hydrogen Bond - Hydrophobic Aromatic Interaction - Pi-Sigma - Pi-Alkyl - Pi-Pi	LU13	Interactions - Conventional Hydrogen Bond - Pi-Sigma - Pi-Pi Stacked
LU3	Interactions - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Pi-Sigma - Pi-Alkyl - Pi-Pi	LU14	Interactions - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Pi-Sigma - Pi-Alkyl - Pi-Pi



LU10	 Interactions - Conventional Hydrogen Bond - Pi-Alkyl	LU21	 Interactions - Conventional Hydrogen Bond - Pi-Alkyl
LU22	 Interactions - Conventional Hydrogen Bond - Pi-Sigma - Pi-Alkyl	LU31	 Interactions - Conventional Hydrogen Bond - Pi-Donor Hydrogen Bond - Pi-Alkyl
LU23	 Interactions Pi-Alkyl	LU32	 Interactions - Conventional Hydrogen Bond - Carbon Hydrogen Bond - Pi-Alkyl
LU24	 Interactions - Conventional Hydrogen Bond - Pi-Alkyl	LU33	 Interactions Pi-Alkyl
LU25	 Interactions - Conventional Hydrogen Bond - Carbon Hydrogen Bond - Pi-Alkyl - Pi-Sigma - Pi-Donor - Pi-H-T-Donor - Pi-H-T	LU34	 Interactions - Conventional Hydrogen Bond - Pi-Sigma - Pi-Alkyl
LU26	 Interactions - Conventional Hydrogen Bond - Carbon Hydrogen Bond - Pi-Sigma - Pi-Alkyl - Pi-Donor - Pi-H-T-Donor - Pi-H-T	LU35	 Interactions - Conventional Hydrogen Bond - Pi-Sigma - Pi-Alkyl - Pi-Donor - Pi-H-T-Donor - Pi-H-T

LU27	 Interactions: - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - pi-pi stacked	LU36	 Interactions: - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - pi-pi stacked
LU28	 Interactions: - pi-donor - pi-acceptor - pi-pi stacked	LU37	 Interactions: - Carbon-Hydrogen Bond - pi-pi stacked
LU29	 Interactions: - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - pi-pi stacked	LU38	 Interactions: - Carbon-Hydrogen Bond - pi-pi stacked
LU30	 Interactions: - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - pi-pi stacked	LU39	 Interactions: - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - pi-pi stacked
LU40	 Interactions: - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - pi-pi stacked	LU46	 Interactions: - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - pi-pi stacked
LU41	 Interactions: - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - pi-pi stacked	LU47	 Interactions: - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - pi-pi stacked

LU42	 Interactions - Conventional Hydrogen Bond - Carbon Hydrogen Bond - Unfavorable Donor-Acceptor - Pi-Alkene - Pi-Donor Hydrogen Bond - Pi-Pi Stacked - Pi-Allyl	LU48	 Interactions - Conventional Hydrogen Bond - Pi-Allyl
LU43	 Interactions - Conventional Hydrogen Bond - Carbon Hydrogen Bond - Pi-Donor Hydrogen Bond - Pi-Sigma - Pi-Pi T-Stacked - Pi-Allyl	LU49	 Interactions - Conventional Hydrogen Bond - Carbon Hydrogen Bond - Pi-Donor Hydrogen Bond - Pi-Pi Stacked - Alkyl - Pi-Allyl
LU44	 Interactions - Conventional Hydrogen Bond - Carbon Hydrogen Bond	LU50	 Interactions - Conventional Hydrogen Bond - Pi-Alkene - Pi-Donor Hydrogen Bond - Pi-Sigma - Pi-Pi T-Stacked - Pi-Allyl
LU45	 Interactions - Conventional Hydrogen Bond - Carbon Hydrogen Bond - Pi-Pi Stacked - Pi-Pi T-Stacked - Pi-Allyl	LU51	 Interactions - Conventional Hydrogen Bond - Carbon Hydrogen Bond - Unfavorable Acceptor-Acceptor
LU52	 Interactions - Conventional Hydrogen Bond - Carbon Hydrogen Bond - Unfavorable Donor-Acceptor - Pi-Allyl	LU53	 Interactions - Conventional Hydrogen Bond - Carbon Hydrogen Bond - Unfavorable Acceptor-Acceptor - Pi-Pi Stacked - Pi-Allyl

Lampiran 2 Interaksi Hasil Penambatan Ligan Uji dan Pembanding

Kode Ligan	Kompleks	Interaksi	Residu Asam Amino
L1A	Kompleks : 1UZF – L1A ΔG : -7.01 kkal/mol Ki : 7.29 un	Ikatan Hidrogen NE2 - GLN281 : O NZ - LYS511 : O OH - TYR520 : O OH - TYR523 : S	TYR520, LYS511, GLN 281, HIS387, GLU384, HIS 513, HIS353, PHE457, TYR523, HIS383
		Ikatan Hidrofobik Pi-Alky : Phe457 Pi-Sulfur : His383	
		Van der Waals	
LU1	Kompleks : 1UZF – LU1	Ikatan Hidrogen ASP453 LYS454	ASP453,LYS454 TYR523,PHE457, HIS383
		Ikatan Hidrofobik Pi-Alky : Phe457 Pi-Alky : His383 Pi-Alky : Tyr523	
		Van der Waals	
LU2	Kompleks : 1UZF – LU2	Ikatan Hidrogen NE2 - GLN281 : O OH - TYR520 : O	TYR520, HIS353, HIS513,HIS383, VAL380,PHE527, PHE457,TYR523, GLN281
		Ikatan Hidrofobik Pi-Sigma : Tyr523 Pi-Alky : Phe457 Pi-Alky : Phe527 Pi-Alky : His383 Pi-Alky : His513 Pi-Alky : His353	

		Alkyl : Val380	
		Van der Waals	
LU3	Kompleks : 1UZF – LU3	Ikatan Hidrogen GLU411 ALA356 Ikatan Hidrofobik Van der Waals	GLU411,ALA356 ALA354,TYR523, HIS513, GLU384
LU4	Kompleks : 1UZF – LU4	Ikatan Hidrogen NE2 - GLN281 : O GLU411 HIS383 Ikatan Hidrofobik Pi-Sigma : PHE457 Pi-pi: TYR520 Van der Waals	GLN281 ,GLU411, HIS383,GLU384, PHE457, TYR520
LU5	Kompleks : 1UZF – LU5	Ikatan Hidrogen Ikatan Hidrofobik Pi-Sigma : HIS383 Pi-Alkyl : TYR520 Pi-Alkyl : PHE457 Pi-Alkyl : HIS387 Pi-Alkyl : HIS353 Pi-Alkyl : HIS513 Pi-Alkyl : PHE527 Van der Waals	HIS383, TYR523, HIS387,PHE457, HIS353, HIS513, PHE527
LU6	Kompleks :	Ikatan Hidrogen Ikatan Hidrofobik Pi-Sigma : TYR523 Pi-Alkyl : PHE527 Pi-Alkyl : HIS383	

	1UZF – LU6	Pi-Alkyl : PHE457 Pi-Alkyl : HIS387 Pi-Alkyl : HIS353 Pi-Alkyl : HIS513 Van der Waals	TYR523,PHE527, HIS383,HIS387, HIS353,PHE457, HIS513
LU7	Kompleks : 1UZF – LU7	Ikatan Hidrogen Ikatan Hidrofobik Pi-Sigma : HIS410 Pi-Alkyl : HIS387 Pi-Alkyl : PHE570 Alkyl : PRO407 Van der Waals	HIS410,HIS387, PHE570,PRO470
LU8	Kompleks : 1UZF – LU8	Ikatan Hidrogen Ikatan Hidrofobik Pi-Sigma : TYR523 Pi-Alkyl : PHE457 Pi-Alkyl : PHE527 Pi-Alkyl : TYR520 Pi-Alkyl : HIS513 Pi-Alkyl : HIS383 Van der Waals	TYR523,PHE457, TYR520 ,HIS513, HIS383,PHE527
LU9	Kompleks : 1UZF – LU9	Ikatan Hidrogen Ikatan Hidrofobik Pi-Alkyl : HIS410 Alkyl : PRO407 Pi-Anion : GLU403 Van der Waals	GLU403, PRO407, HIS410
LU10	Kompleks :	Ikatan Hidrogen NE2 - GLN281 : O OH - TYR520 : O	TYR520,GLN281

	1UZF – LU10	Ikatan Hidrofobik Pi-Alkyl : PHE527 Pi-Alkyl : PHE457	PHE457,PHE527
		Van der Waals	
LU11	Kompleks : 1UZF – LU11	Ikatan Hidrogen	PHE457,PHE527, TYR523,HIS383
		Ikatan Hidrofobik Pi-Sigma : PHE457 Pi-Alkyl : HIS383 Pi-Alkyl : TYR523 Pi-Alkyl : PHE527	
		Van der Waals	
LU12	Kompleks : 1UZF – LU12	Ikatan Hidrogen NE2 - GLN281 : O	HIS383,ALA356, GLN281 ,GLU384, ALA354,HIS387, GLU411,TYR523
		Ikatan Hidrofobik Pi-Sigma : HIS387 Pi-Anion : GLU411 Pi-Pi : TYR523	
		Van der Waals	
LU13	Kompleks : 1UZF – LU13	Ikatan Hidrogen	ALA354,GLU384 TYR523,HIS383 ASP415,VAL380
		Ikatan Hidrofobik Pi-Sigma : VAL380 Pi-Anion : ASP415 Pi-Pi : HIS383 Pi-Pi : TYR523	
		Van der Waals	
LU14	Kompleks : 1UZF – LU14	Ikatan Hidrogen	HIS383,GLU411, HIS387,ALA354, ASP415,TYR523,
		Ikatan Hidrofobik Alkyl : VAL380 Pi-Alkyl : HIS513 Pi-Alkyl : HIS353	

		Pi-Sigma : PHE457 Pi-Anion : ASP415 Pi-Pi : TYR523	PHE457, VAL380, HIS353,HIS513
		Van der Waals	
LU15	Kompleks : 1UZF – LU15	Ikatan Hidrogen Ikatan Hidrofobik Pi-Alkyl : VAL380 Pi-Sigma : VAL379 Pi-Pi : HIS383	ASP415,SER526, GLU411,ASP453, HIS513, VAL279, VAL380, HIS383
		Van der Waals	
LU16	Kompleks : 1UZF – LU16	Ikatan Hidrogen Ikatan Hidrofobik Pi-Alkyl : HIS387 Pi-Alkyl : HIS353 Pi-Alkyl : HIS513 Pi-Alkyl : HIS 383 Pi-Alkyl : PHE457 Pi-Alkyl : TYR523 Pi-Alkyl : PHE527	HIS387,HIS353, HIS513,HIS383, TYR523,PHE457, PHE527
		Van der Waals	
LU17	Kompleks : 1UZF – LU17	Ikatan Hidrogen Ikatan Hidrofobik Pi-Alkyl : HIS353 Pi-Alkyl : PHE457 Pi-Alkyl : PHE527 Pi-Alkyl : TYR523 Pi-Sigma : HIS383	PHE457,HIS353, PHE527,TYR523, HIS383
		Van der Waals	
LU18		Ikatan Hidrogen	
		Ikatan Hidrofobik	

	Kompleks : 1UZF – LU18	Alkyl : VAL379 Alkyl : VAL380 Pi-Alkyl : PHE457 Pi-Alkyl : TYR523 Pi-Sigma : HIS383	HIS383,VAL379, VAL380,PHE527, PHE457,TYR523
		Van der Waals	
LU19	Kompleks : 1UZF – LU19	Ikatan Hidrogen	TYR523,HIS383, HIS353, TYR520 , HIS513,PHE527
		Ikatan Hidrofobik Pi-Alkyl : TYR520 Pi-Alkyl : HIS353 Pi-Alkyl : HIS513 Pi-Alkyl : PHE527 Pi-Sigma : TYR523 Pi-Sigma : HIS383	
		Van der Waals	
LU20	Kompleks : 1UZF – LU20	Ikatan Hidrogen	TYR523,HIS383, TYR520 ,PHE457, PHE527
		Ikatan Hidrofobik Pi-Alkyl : TYR520 Pi-Alkyl : PHE527 Pi-Alkyl : PHE457 Pi-Sigma : TYR523 Pi-Sigma : HIS383	
		Van der Waals	
LU21	Kompleks : 1UZF – LU21	Ikatan Hidrogen NZ - LYS511 : O OH - TYR520 : O	TYR520,LYS511 , HIS353,TYR523, PHE457
		Ikatan Hidrofobik Pi-Alkyl : HIS353 Pi-Alkyl : TYR523	

		Pi-Alkyl : PHE457	
		Van der Waals	
LU22	Kompleks : 1UZF – LU22	Ikatan Hidrogen NE2 - GLN281 : O NZ - LYS511 : O OH - TYR520 : O Ikatan Hidrofobik Akyl : VAL380 Pi-Alkyl : PHE527 Pi-Sigma : HIS383 Pi-Sigma : PHE457 Pi-Sigma : TYR523 Van der Waals	TYR520,LYS511, GLN281, PHE527, VAL380,HIS383, PHE457,TYR523
LU23	Kompleks : 1UZF – LU23	Ikatan Hidrogen Ikatan Hidrofobik Pi-Alkyl : HIS513 Pi-Alkyl : TYR523 Pi-Alkyl : PHE457 Pi-Alkyl : HIS383 Pi-Alkyl : HIS353 Van der Waals	HIS513,TYR523, PHE457,HIS383, HIS353
LU24	Kompleks : 1UZF – LU24	Ikatan Hidrogen ASP453 LYS454 Ikatan Hidrofobik Pi-Alkyl : TYR523 Pi-Alkyl : HIS383 Pi-Alkyl : PHE457 Van der Waals	LYS454,ASP453, TYR523,HIS383, PHE457
LU25		Ikatan Hidrogen	

	Kompleks : 1UZF – LU25	ALA354	ALA354, TYR523, HIS513, PHE527, VAL380, GLU384, HIS383
		Ikatan Hidrofobik Pi-Alkyl : PHE527 Pi-Pi : VAL380 Pi-Pi T: HIS383 Pi-Anion : GLU384	
		Van der Waals	
LU26	Kompleks : 1UZF – LU26	Ikatan Hidrogen NE2 - GLN281 : O OH - TYR520 : O	TYR520, GLN281, HIS513, TYR523, HIS383, PHE457, PHE527
		Ikatan Hidrofobik Pi-Pi T: HIS383 Pi-Alkyl : PHE527 Pi-Sigma : PHE457	
		Van der Waals	
LU27	Kompleks : 1UZF – LU27	Ikatan Hidrogen NE2 - GLN281 : O	GLN281, TYR523, TYR520, HIS383, PHE527
		Ikatan Hidrofobik Pi-Pi T: TYR520 Pi-Alkyl : HIS383 Pi-Alkyl : PHE527	
		Van der Waals	
LU28	Kompleks : 1UZF – LU28	Ikatan Hidrogen	ARG522, PRO407, HIS410, GLU403
		Ikatan Hidrofobik Alkyl : PRO407 Alkyl : ARG522 Pi-Alkyl : HIS410 Pi-Anion : GLU403	
		Van der Waals	
LU29		Ikatan Hidrogen	

	Kompleks : 1UZF – LU29	ASP415 TYR523 ALA354 GLU384	ASP415,TYR523, ALA354,GLU384, HIS383,GLU411
		Ikatan Hidrofobik Pi-Pi T : HIS383 Pi-Anion : GLU311	
		Van der Waals	
LU30	Kompleks : 1UZF – LU30	Ikatan Hidrogen NE2 - GLN281 : O OH - TYR520 : O THR282	ASP453, TYR520 , GLN281 ,THR282, TYR523,PHE527, HIS383,PHE527, VAL379
		Ikatan Hidrofobik Alkyl : VAL379 Pi-Alkyl : HIS383 Pi-Alkyl : PHE457 Pi-Pi T : PHE457	
		Van der Waals	
LU31	Kompleks : 1UZF – LU31	Ikatan Hidrogen NE2 - GLN281 : O NZ - LYS511 : O OH - TYR520 : O GLU411 HIS387	TYR523, GLN281 , TYR520 , LYS511 , GLU411,HIS387
		Ikatan Hidrofobik Pi-Anion : TYR384	
		Van der Waals	
LU32		Ikatan Hidrogen GLN281 THR282	

	Kompleks : 1UZF – LU32	Ikatan Hidrofobik Pi-Alkyl : TYR523 Pi-Alkyl : PHE457 Pi-Alkyl : HIS383 Van der Waals	GLN281, THR282 GLU376, TYR523 PHE457, HIS383
LU33	Kompleks : 1UZF – LU33	Ikatan Hidrogen Ikatan Hidrofobik Pi-Alkyl : HIS383 Pi-Alkyl : PHE427 Pi-Alkyl : TYR523 Pi-Alkyl : PHE457 Pi-Alkyl : HIS353 Pi-Alkyl : TYR520 Pi-Alkyl : HIS513 Van der Waals	HIS383,PHE527, TYR523,PHE457, HIS353,HIS513, TYR520
LU34	Kompleks : 1UZF – LU34	Ikatan Hidrogen NE2 - GLN281 : O NZ - LYS511 : O OH - TYR520 : O Ikatan Hidrofobik Pi-Alkyl : TYR523 Pi-Alkyl : PHE527 Pi-Sigma : HIS383 Van der Waals	GLN281,LYS511, TYR520, HIS383, PHE527,TYR523
LU35	Kompleks : 1UZF – LU35	Ikatan Hidrogen NE2 - GLN281 : O Ikatan Hidrofobik Pi-Alkyl : VAL379 Pi-Pi T : TYR523 Pi-Pi T : PHE527	GLN281, ASP453, TYR523,PHE527, HIS383,VAL379

		Pi-Pi T : HIS383 Pi-Anion : ASP453 Van der Waals	
LU36	Kompleks : 1UZF – LU36	Ikatan Hidrogen OH - TYR520 : O OH - HIS513 : O TYR523 HIS383 GLU411 Ikatan Hidrofobik Van der Waals	HIS513, TYR523, GLU411, HIS383, TYR520
LU37	Kompleks : 1UZF – LU37	Ikatan Hidrogen Ikatan Hidrofobik Pi-Alkyl : HIS383 Pi-Alkyl : PHE527 Pi-Pi T : TYR520 Van der Waals	TYR523, HIS513, TYR520 , PHE527, HIS383
LU38	Kompleks : 1UZF – LU38	Ikatan Hidrogen Ikatan Hidrofobik Pi-Alkyl : HIS383 Pi-Alkyl : PHE527 Pi-Pi T : TYR520 Van der Waals	TYR523, HIS513, TYR520 , PHE527, HIS383
LU39	Kompleks : 1UZF – LU39	Ikatan Hidrogen NE2 - GLN281 : O Ikatan Hidrofobik Alkyl : VAL370 Pi-Alkyl : PHE457 Pi-Alkyl : PHE527 Pi-Anion : ASP453	GLN281 , ASP453, TYR523, PHE527, PHE457, VAL370

		Pi-Pi T : TYR523	
		Van der Waals	
LU40	Kompleks : 1UZF – LU40	Ikatan Hidrogen NE2 - GLN281 : O OH - TYR520 : O THR282 Ikatan Hidrofobik Alkyl : VAL379 Pi-Alkyl : PHE457 Pi-Alkyl : HIS383 Pi-Pi T : PHE527 Pi-Lone : TYR523 Van der Waals	TYR520, GLN281, THR282, ASP453, TYR523, HIS383, PHE457, VAL379, PHE527
LU41	Kompleks : 1UZF – LU41	Ikatan Hidrogen NE2 - GLN281 : O Ikatan Hidrofobik Pi-Anion : ASP453 Pi-Pi T : TYR523 Pi-Pi T : PHE527 Pi-Pi T : HIS383 Van der Waals	GLN281, ASP453, TYR523, PHE527, HIS383
LU42	Kompleks : 1UZF – LU42	Ikatan Hidrogen GLU384 ASP415 Ikatan Hidrofobik Van der Waals Pi-Pi : HIS383 Pi-Alkyl : VAL380 Pi-Alkyl : HIS353 Pi-Alkyl : HIS315	SER527, SER355, TYR523, GLU384, ASP415, ALA356, GLU411, HIS383, HIS353, HIS513, VAL380

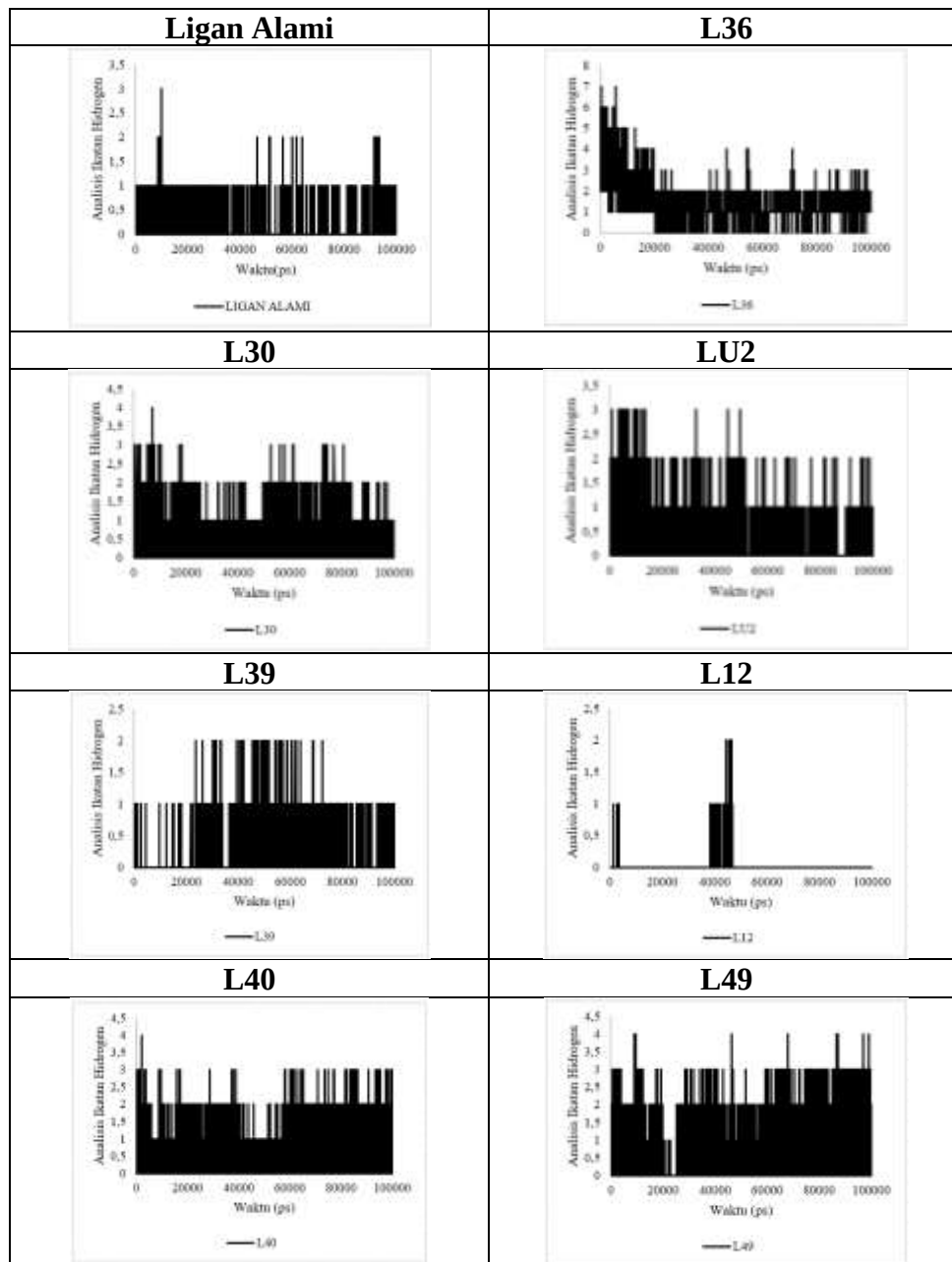
		Pi-Anion : GLU411	
LU43	Kompleks : 1UZF – LU43	Ikatan Hidrogen GLU411 HIS383 ASP453 LYS454 Ikatan Hidrofobik Pi-Alkyl : VAL380 Pi-Pi T : VAL379 Pi-Sigma : PHE457 Van der Waals	ALA354, TYR523, GLU411, HIS383, ASP453, LYS454, PHE457, VAL380, VAL379
LU44	Kompleks : 1UZF – LU44	Ikatan Hidrogen NE2 - GLN281 : O THR282 Ikatan Hidrofobik Pi-Alkyl : TYR523 Pi-Alkyl : PHE457 Van der Waals	GLU376, GLN281 , THR282, TYR523, PHE457
LU45	Kompleks : 1UZF – LU45	Ikatan Hidrogen TYR523 GLU384 ASP453 LYS454 Ikatan Hidrofobik Pi-Alkyl : ALA354 Pi-Pi : HIS383 Pi-Pi : HIS353 Pi-Pi T : PHE527 Van der Waals	VAL379, HIS387, GLU384, TYR523, ASP453, LYS454, ALA354, HIS353, HIS383, PHE527
LU46		Ikatan Hidrogen	

	Kompleks : 1UZF – LU46	NE2 - GLN281 : O OH - TYR520 : O GLU411 HIS383 Ikatan Hidrofobik Pi-Sigma : PHE457 Van der Waals	GLU384,ALA354, GLN281,TYR520 , GLU411,HIS383, PHE457
LU47	Kompleks : 1UZF – LU47	Ikatan Hidrogen ASP415 TYR523 GLU384 ALA354 Ikatan Hidrofobik Pi-Pi T : HIS383 Pi-Anion : GLU411 Van der Waals	ASP415,TYR523, GLU384,ALA354, HIS383,GLU411
LU48	Kompleks : 1UZF – LU48	Ikatan Hidrogen ASP453 LYS454 Ikatan Hidrofobik Pi-Alkyl : TYR523 Pi-Alkyl : PHE457 Pi-Alkyl : HIS383 Van der Waals	LYS454,ASP453, TYR523,PHE457, HIS383
LU49	Kompleks : 1UZF – LU49	Ikatan Hidrogen NE2 - GLN281 : O OH - TYR520 : O ASP453 Ikatan Hidrofobik Alky : HIS387	THR282,TYR523, ASP453, GLN281 , TYR520 , PHE457,

		Pi-Alkyl : ALA356 Pi-Pi T : PHE457 Pi-Anion : GLU411	GLU411, HIS387, ALA356
		Van der Waals	
LU50	Kompleks : 1UZF – LU50	Ikatan Hidrogen TYR523	TYR523, GLU384, GLU411, HIS353, HIS383,HIS513, PHE527,PHE457
		Ikatan Hidrofobik Pi-Alkyl : HIS513 Pi-Alkyl : HIS383 Pi-Alkyl : HIS353 Pi-Alkyl : PHE527 Pi-Anion : GLU411 Pi-Anion : GLU384 Pi-Sigma : PHE457	
		Van der Waals	
LU51	Kompleks : 1UZF – LU51	Ikatan Hidrogen GLU411 HIS513, TYR523 GLU384	GLU411,HIS513, TYR523,GLU384, HIS387,ALA354
		Ikatan Hidrofobik	
		Van der Waals	
LU52	Kompleks : 1UZF – LU52	Ikatan Hidrogen OH - TYR520 : O TY523 ASP415 LYS454 ASP453	TYR520 ,TYR523, ASP453,LYS454, ASP415,GLN281, LYS511,HIS383, GLU384
		Ikatan Hidrofobik Pi-Alkyl : HIS353	

		Van der Waals	
LU53	Kompleks : 1UZF – LU53	Ikatan Hidrogen OH - TYR520 : O GLU411 HIS387 TYR523	TYR520 ,TYR523, GLU411, HIS387, HIS353,VAL518
		Ikatan Hidrofobik Pi-Alky = Val518	
		Van der Waals	

Lampiran 3 Analisis Ikatan Hidrogen selama 100 ns (100000 ps)



Lampiran 4 Plagiarisme

FINAL SKRIPSI REJMA RAHMAH F.pdf			
ORIGINALITY REPORT			
13%	13%	2%	1%
SIMILARITY INDEX	INTERNET SOURCES	PUBLICATIONS	STUDENT PAPERS
PRIMARY SOURCES			
1	repository.bku.ac.id Internet Source	4%	
2	core.ac.uk Internet Source	1%	
3	jsk.farmasi.unmul.ac.id Internet Source	1%	
4	www.researchgate.net Internet Source	1%	
5	pdfcoffee.com Internet Source	1%	
6	jurnal.harianregional.com Internet Source	1%	
7	www.stfm.ac.id Internet Source	1%	
8	ojs.stfmuhammadiyahcirebon.ac.id Internet Source	1%	
9	jsfk.ffarmasi.unand.ac.id Internet Source	1%	

Lampiran 5 Kartu Bimbingan



Fakultas Farmasi
Universitas
Bhakti Kencana

No. Dok. 02.54.00FRM-03IAKD-GPM



KARTU BIMBINGAN TUGAS AKHIR I/TUGAS AKHIR II

Pembimbing Utama	: Dr. apt. Fauzan Zein Muttaqin, M.Si
Nama Mahasiswa	: Rejma Rahmah Faujah
NPM	: 201FF03082
Bidang Ilmu	: AFKM

No	Hari/Tanggal	Waktu	Tempat	Materi	Paraf Dosen
1	19 Feb 2024	09.00	Offline	Revisi	
2	23 Maret 2024	09.00	Offline	Maintenance PE	
3	19 April 2024	09.00	Offline	Pelatihan	
4	8 Mei 2024	14.00	Offline	Laporan Kemajuan	
5	21 Mei 2024	12.30	Offline	Diskus. Hasil	
6	31 Mei 2024	14.30	Offline	Diskus. Hasil	
7	5 Juni 2024	14.00	Offline	Diskus. Hasil	
8	10 Juni 2024	13.00	Offline	Diskus. Pembahasan	
9	11 Juli 2024	14.00	Offline	Laporan Hasil	
10					
11					
12					
13					
14					
15					
16					
17					

Catatan : Kartu ini harus dibawa setiap kali melakukan bimbingan dan harus diisi oleh dosen pembimbing.



KARTU BIMBINGAN TUGAS AKHIR I/TUGAS AKHIR II

Pembimbing Serta	: Dr. apt. Deden Indra Dinata, M.Si
Nama Mahasiswa	: Rejma Rahmah Faujah
NPM	: 201FF03082
Bidang Ilmu	: AFKM

1	11 Feb 2024	14.30	Offline	Revisi	D
2	2 Maret 2024	09.15	Offline	Diskus. Prosedur	D
3	19 Maret 2024	09.00	Offline	Diskus. Prosedur	D
4	25 Maret 2024	11.00	Online	Persentasi	D
5	21 Mei 2024	11.00	Offline	Diskus. Hasil	D
6	24 Juni 2024	09.15	Online	Diskus. Hasil	D
7	3 Juli 2024	13.00	Offline	Diskus. Hasil	D
8	9 Juli 2024	15.00	Offline	Revisi, Pembahasan	D
9					
10					
11					
12					
13					
14					
15					
16					
17					

Catatan: Kartu ini harus diisi setiap kali melakukan bimbingan dan harus diisi oleh dosen pembimbing.

© 2024 Universitas Bhakti Kencana

BhaktiKencana @bhaktikencana



REJMA RAHMAH FAUJIAH

CONTACT

-  +62 878 3115 0044
-  201FF030082@bku.ac.id
-  RejmaRahmah
-  kp.serepong rt3 rw4 desa bakakan
karet Cianjur

ABOUT ME

Fresh graduate from Bhakti Kencana University with a strong personal who enjoys learning new things. detail orientated and able to work efficiently in a fast-paced environment. Ready to contribute to the health sector and teamwork.

EDUCATION

SMK BHAKTI MEDIKA CIANJUR

Pharmacy
2017 - 2020

BHAKTI KENCANA UNIVERSITY

Bachelor Degree of Pharmacy
2020 - 2024
DPA : 3.34 of 4.00

EXPERIENCE

WORK

Fieldwork Practice

Ananda Siaga Clinic

Agust 2019

working in the pharmacy and drug storage department

ORGANIZATION

Members of the fittings department

DPM KEMA UBK

2022 - 2023

coordinate with all members of the university and conduct work programmes for all students.

SKILLS

- Ms Word
- Ms Excel
- Ms Powerpoint
- Canva

LANGUAGE

Indonesia Native

English Basic