

Table captions

Table. S1 PeptideRanker prediction score of 250 peptides.

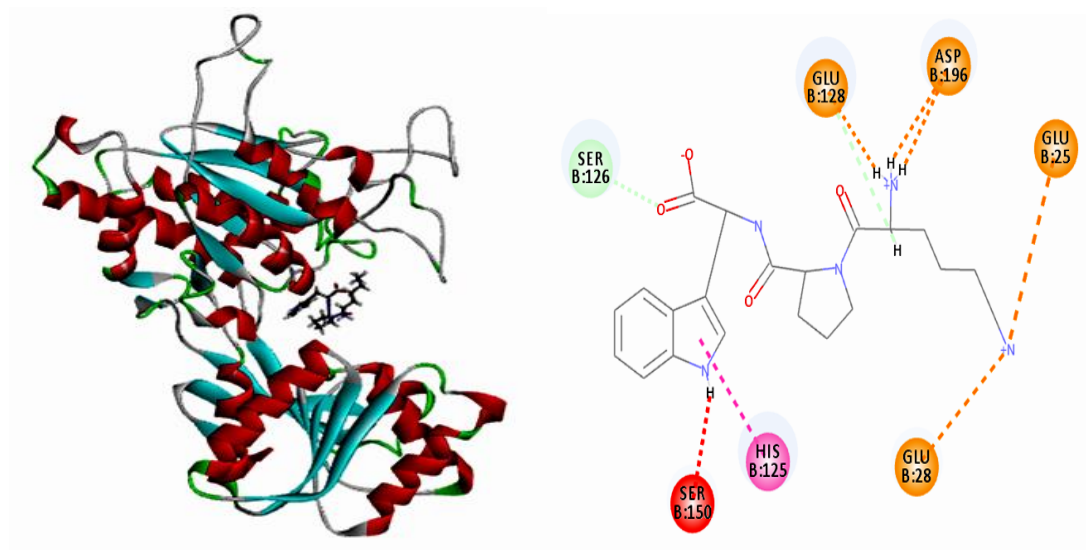
Peptide	Score	Peptide	Score	Peptide	Score	Peptide	Score	Peptide	Score
GPW	0.99	VAM	0.26	QVH	0.08	AQQM	0.35	NDEK	0.05
SGW	0.94	QAR	0.26	EIH	0.08	SQPH	0.34	TVSA	0.04
GDF	0.94	DKP	0.25	ESR	0.08	DGTR	0.26	IVEK	0.04
GNF	0.94	AGK	0.24	QDK	0.07	KPVL	0.26	EVAQ	0.03
QGF	0.94	AQL	0.23	ENY	0.07	VPAH	0.24	DVET	0.03
KPW	0.93	IIH	0.23	VTG	0.07	HDNL	0.24	EEVA	0.03
YPM	0.91	ISR	0.23	VQH	0.07	ETPM	0.24	GGMPM	0.94
GMY	0.89	SQL	0.22	DSV	0.06	NDPK	0.23	GPPPK	0.83
ACC	0.88	EVF	0.22	SVS	0.06	SDGK	0.23	AMPAP	0.80
VPW	0.88	NIR	0.22	TTR	0.06	QSPK	0.22	SGDAW	0.76
GYP	0.85	DDY	0.22	AVK	0.06	QAAR	0.20	NDDGW	0.68
AGM	0.82	DGS	0.21	TVY	0.06	AKPK	0.20	SPNQM	0.59
GGR	0.81	SSY	0.21	VDD	0.05	AQQR	0.18	GQRPR	0.59
DNW	0.79	AEM	0.21	STK	0.05	GNAK	0.17	GNSPY	0.49
ASW	0.78	KPK	0.20	VVH	0.05	VHPK	0.16	AAPSL	0.48
RPL	0.77	VAG	0.15	VQQ	0.04	NQQY	0.15	GPGEY	0.47
GDM	0.76	TIL	0.15	AEK	0.04	PATK	0.14	NHDQF	0.45
QGM	0.76	SSI	0.15	VER	0.04	QTIG	0.14	SPSEM	0.37
MDW	0.75	TPK	0.15	QEQ	0.04	GSNS	0.13	QPPTQ	0.35
DDF	0.75	SVG	0.15	EAK	0.04	EPVR	0.13	CEQIM	0.34
QDF	0.74	AVL	0.14	EER	0.04	SSVR	0.13	NIPSR	0.32
SCL	0.71	PDE	0.14	NEK	0.03	DSNH	0.13	EMPTR	0.29
QSF	0.70	ATR	0.13	DEV	0.03	DVDY	0.13	SVQGL	0.29
EGF	0.69	TAL	0.13	EEA	0.03	TPER	0.12	SASVC	0.25
ICR	0.68	TIR	0.12	VVK	0.03	DEIY	0.12	DDDDR	0.25
PGI	0.67	ITR	0.12	TEK	0.02	ITIH	0.12	EAGDP	0.25
PIL	0.64	NSH	0.12	EVK	0.02	TNVM	0.12	PCSTT	0.25
IPY	0.62	SAQ	0.12	EEK	0.02	VSDR	0.10	GDIIQ	0.19
GIL	0.61	DSA	0.12	MPPL	0.94	VSNR	0.10	ISVNP	0.16
QPY	0.56	DTY	0.11	MPQM	0.87	AVVL	0.09	DAIAK	0.14
SGL	0.56	AAK	0.11	CSMY	0.80	QQAK	0.09	VNGGV	0.13
SAM	0.53	TNL	0.11	QTGW	0.69	ANER	0.09	VSPSK	0.13
ADC	0.51	TSL	0.11	NPPH	0.67	GVAT	0.09	QTTGR	0.11
GDY	0.50	NQH	0.11	VSGW	0.65	GVNS	0.09	EIPAE	0.11
QGY	0.48	GTK	0.11	IGDM	0.61	EASR	0.08	EPSER	0.10
GNY	0.48	VGS	0.11	AGCD	0.60	CTEK	0.08	TTQAM	0.10
NGR	0.46	NIK	0.10	GNIC	0.59	AENR	0.08	INQQA	0.08
CIN	0.45	NNA	0.10	DCIY	0.58	GNEK	0.08	AAVAT	0.08
CQH	0.41	TQL	0.10	STMP	0.55	EGQK	0.07	DDNSV	0.08
CIK	0.37	GEN	0.10	SPAR	0.53	GVTK	0.07	TANQR	0.08

VPL	0.37	INK	0.10	QDTW	0.52	NTIK	0.07	ITDDK	0.07
TTF	0.33	ANK	0.10	VPGR	0.51	QEVY	0.07	AETQR	0.06
IPK	0.32	ADK	0.10	VIAW	0.50	AETR	0.06	NSESK	0.05
ATM	0.31	HDK	0.10	CQVM	0.49	TQVR	0.06	TEDSR	0.05
PVR	0.31	ASK	0.09	QAPR	0.47	ANEQ	0.06	NETIQ	0.05
VVF	0.30	VNR	0.09	QSPR	0.43	ETIH	0.05	TGESE	0.03
GTR	0.30	AER	0.09	GVCH	0.42	EVAR	0.05	TTGEQ	0.03
GVR	0.28	QAK	0.09	DVGM	0.40	ESDS	0.05	VVVNK	0.03
SAR	0.28	ESL	0.08	QDGY	0.39	QAEK	0.05	TEATK	0.03
TGR	0.28	AVA	0.08	KPNY	0.37	ESER	0.05	TEVVE	0.02

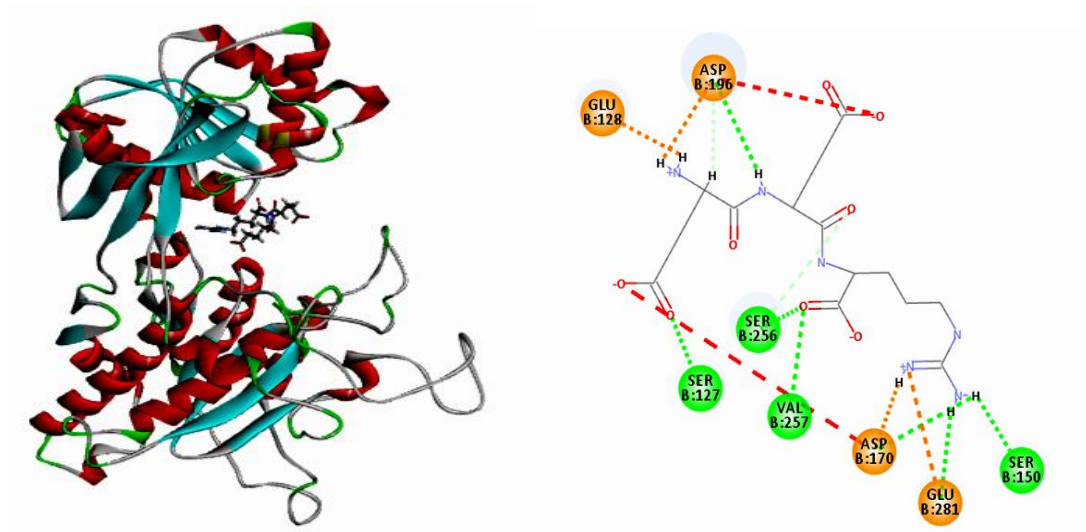
Figure captions

Fig. S1 Molecular docking result of peptides with the umami receptor T1R1/T1R3

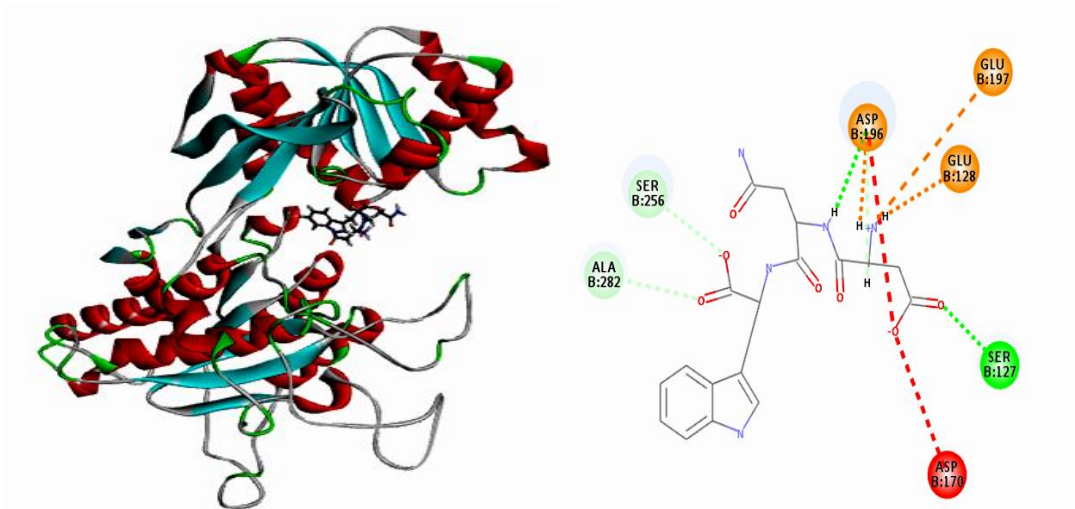
KPW



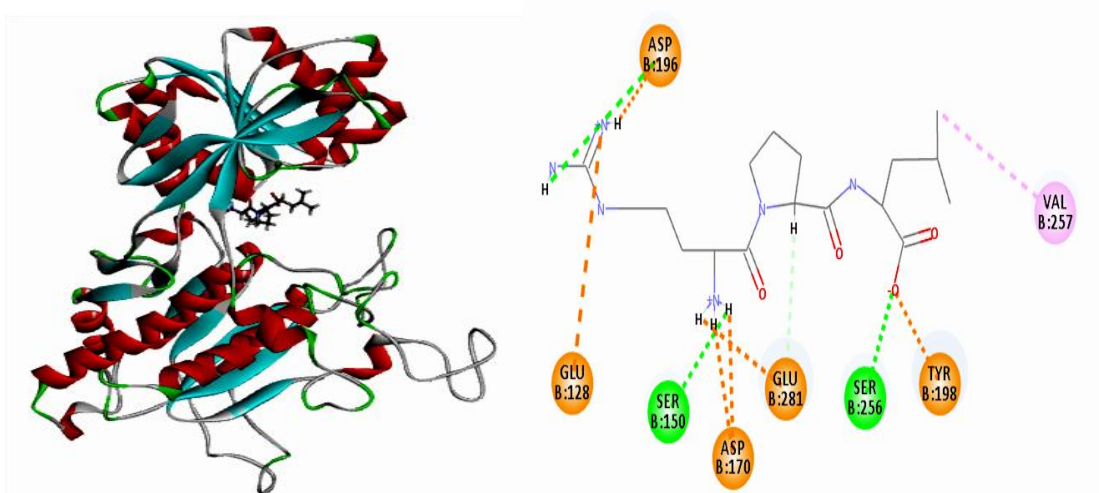
GGR



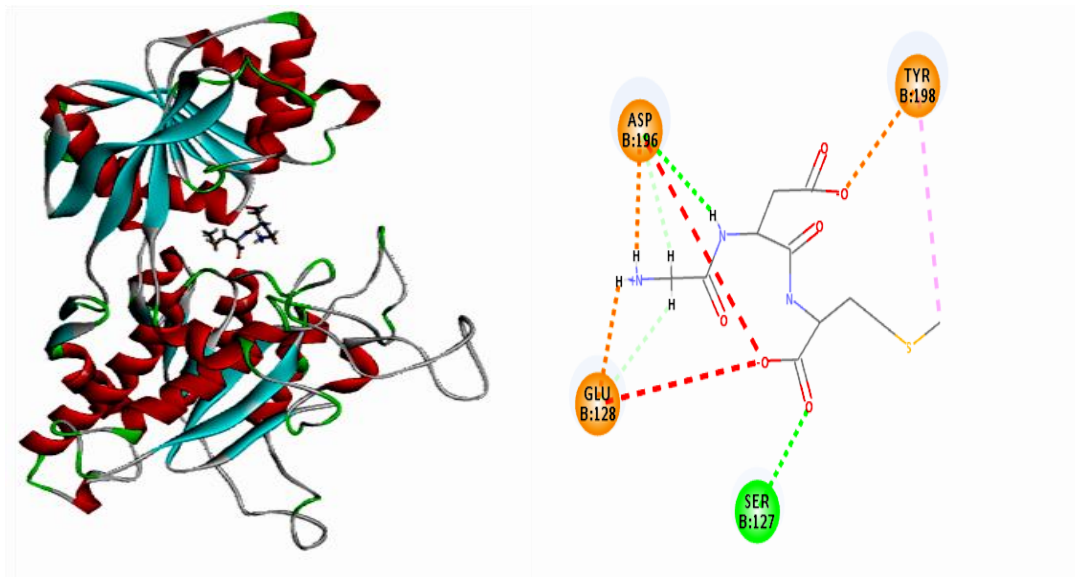
DNW



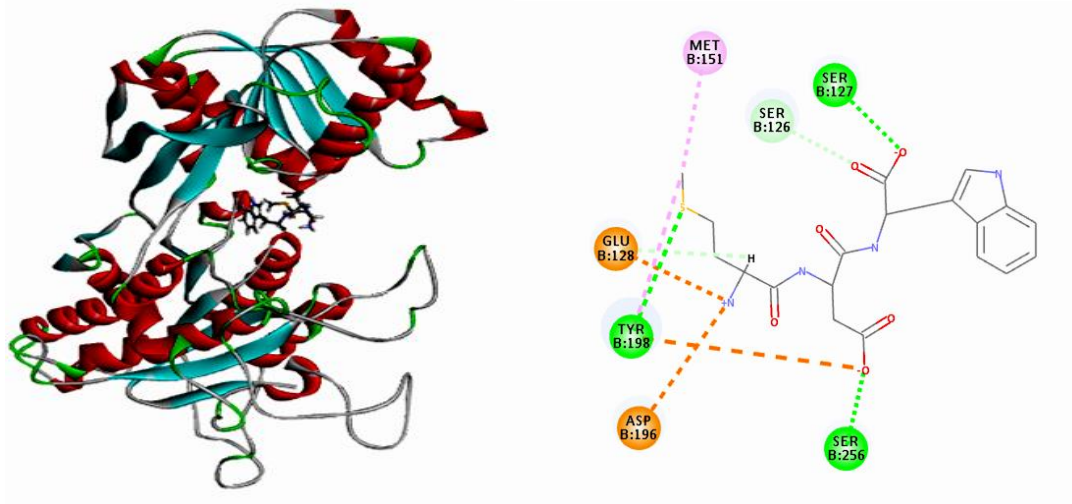
RPL



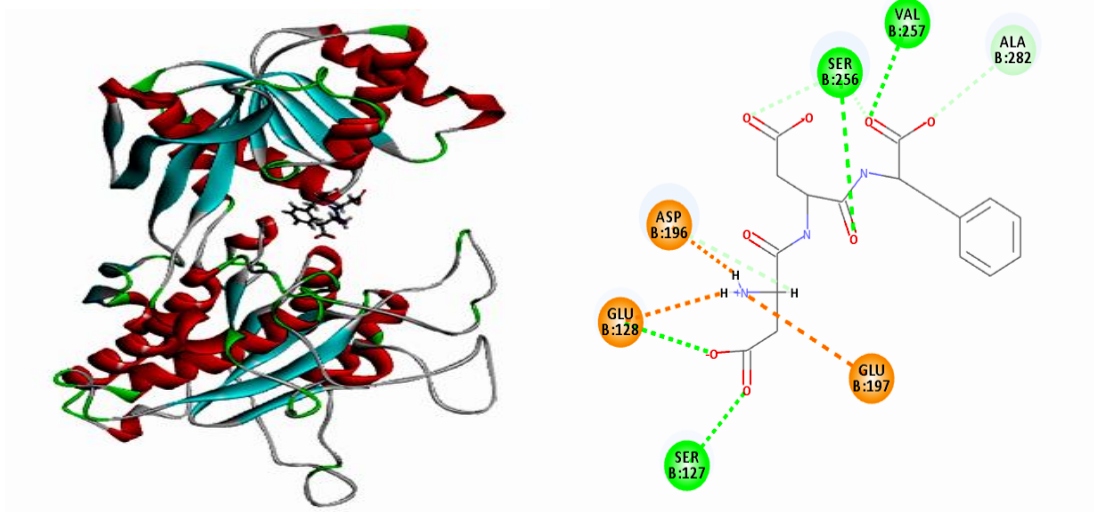
GDM



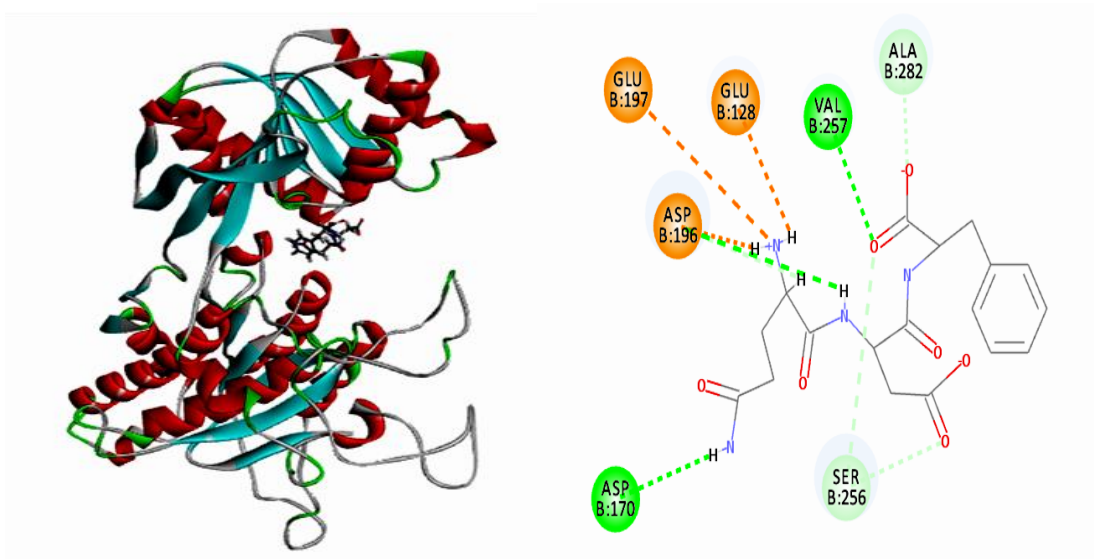
MDW



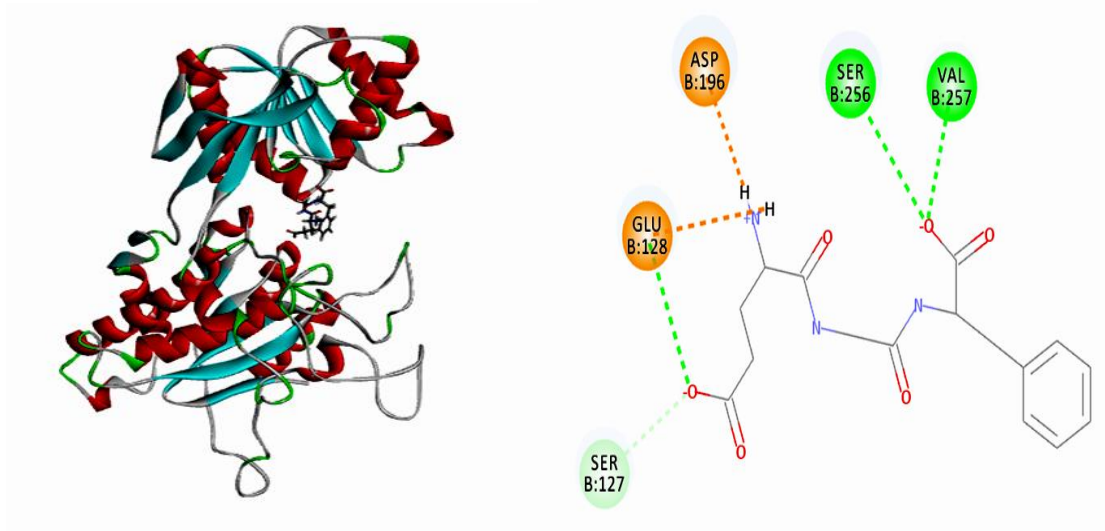
DDF



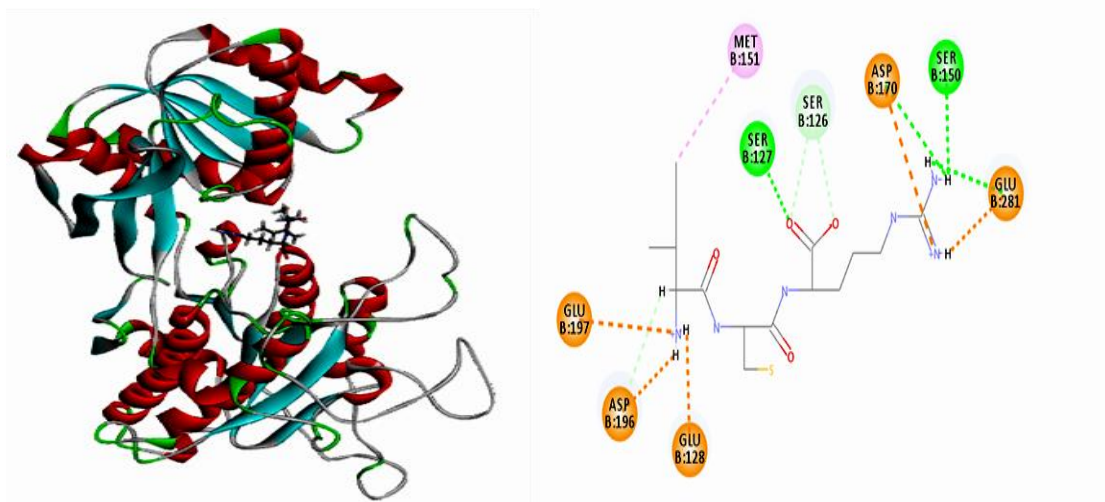
QDF



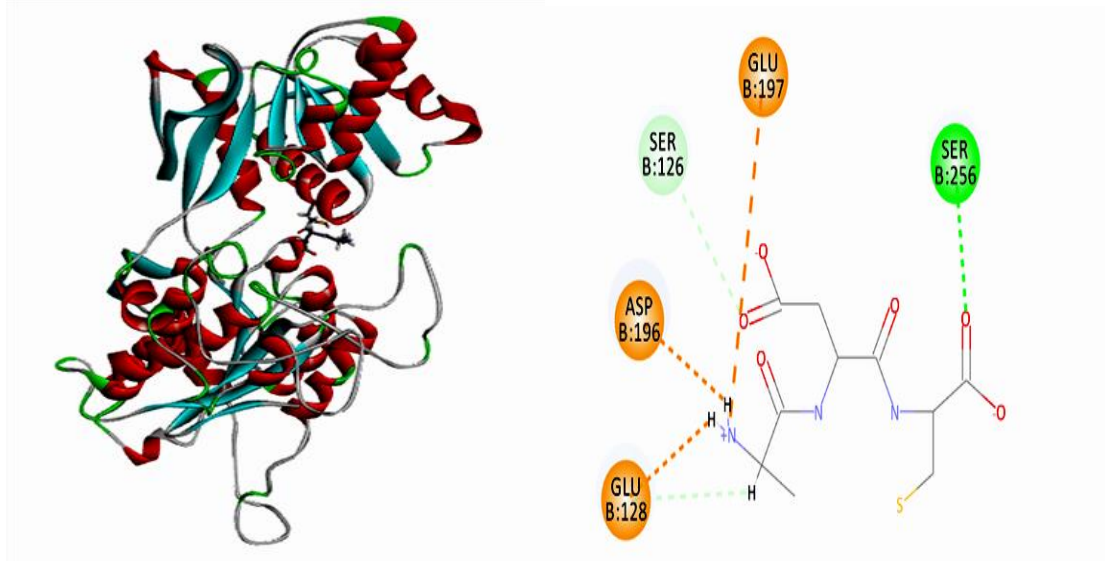
EGF



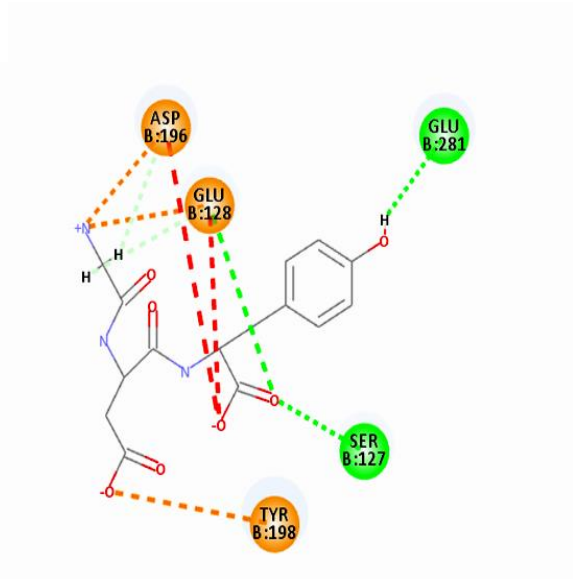
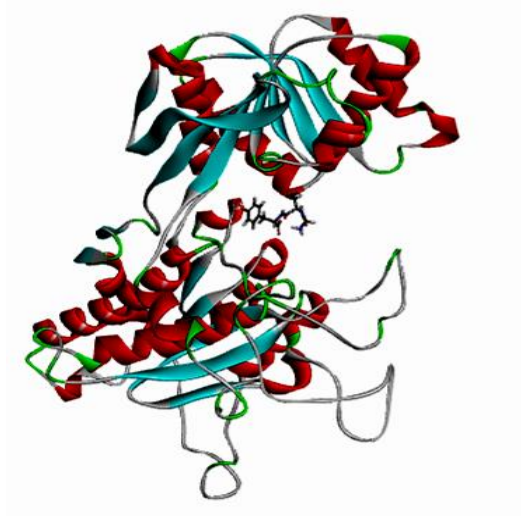
ICR



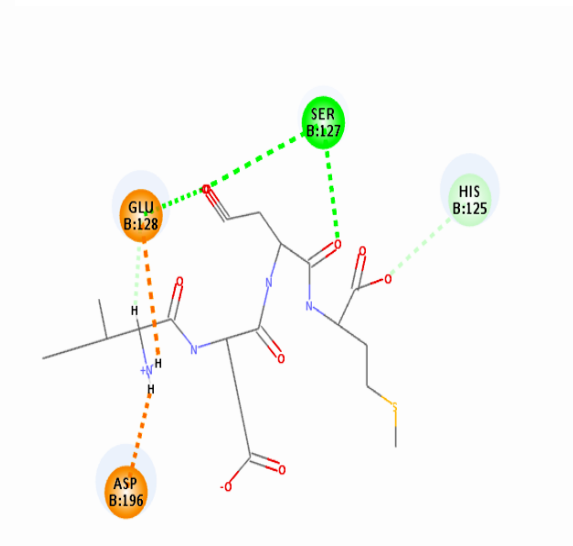
ADC



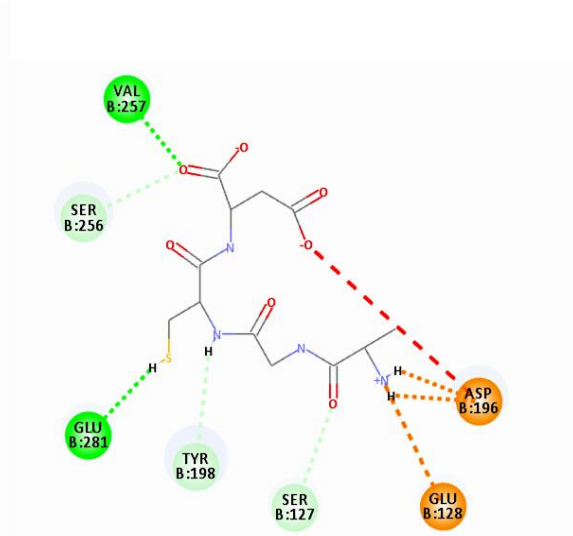
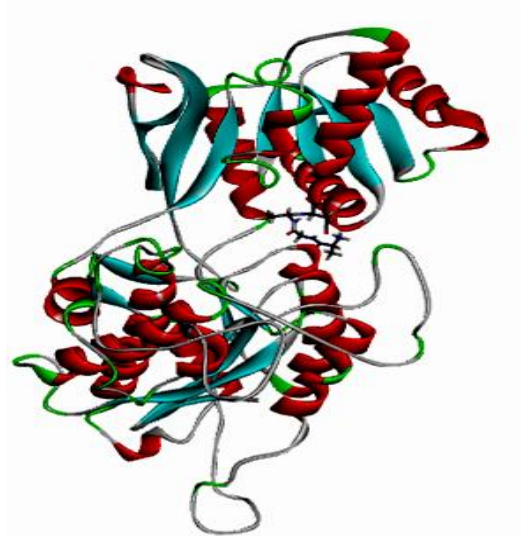
GDY



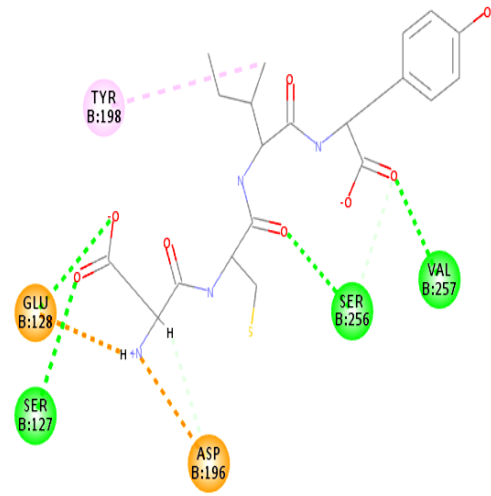
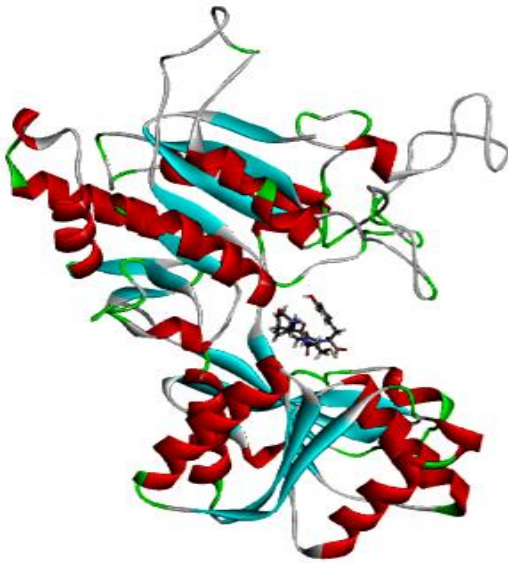
IGDM



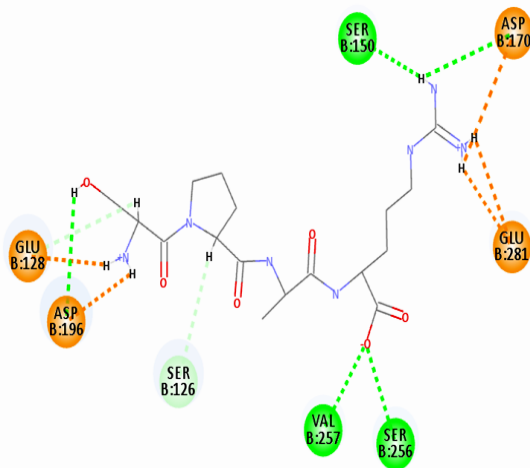
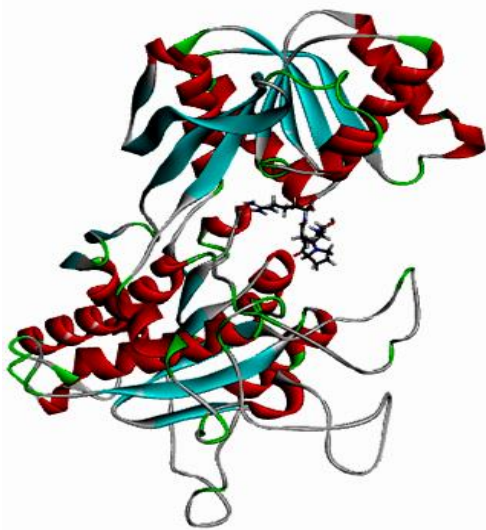
AGCD



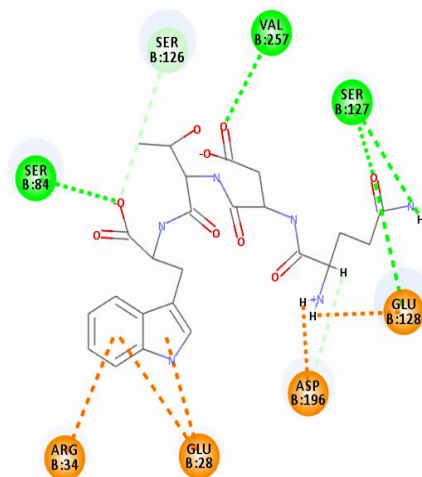
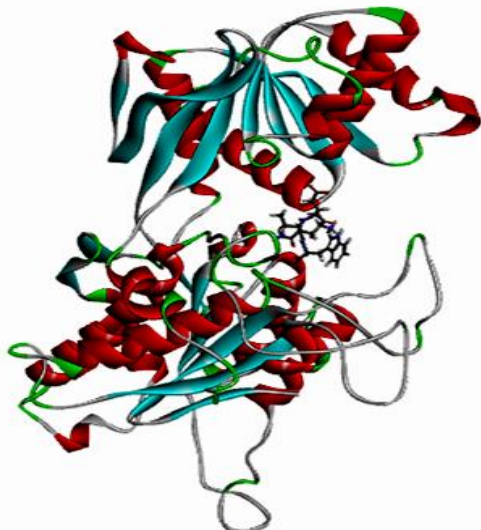
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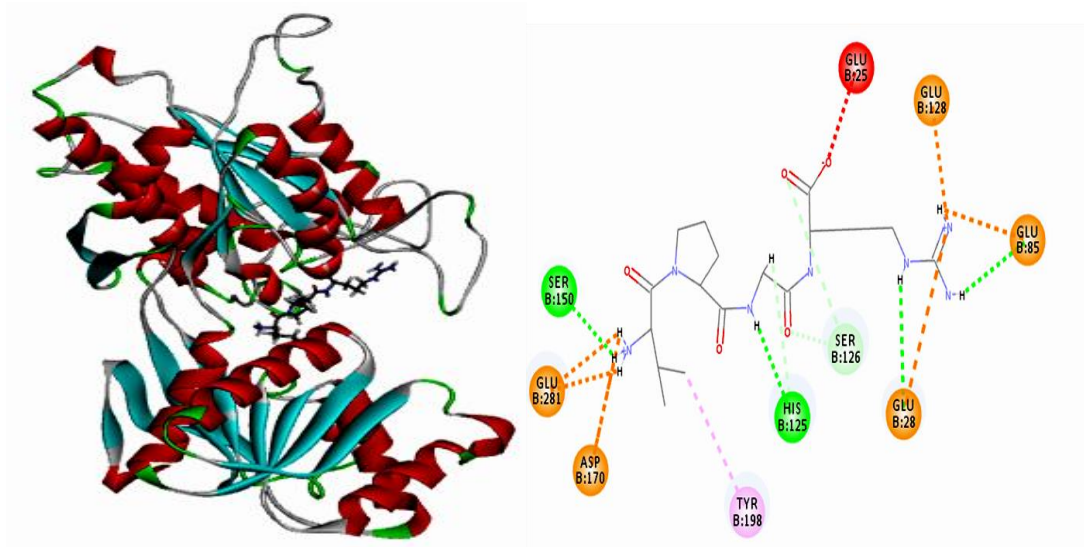
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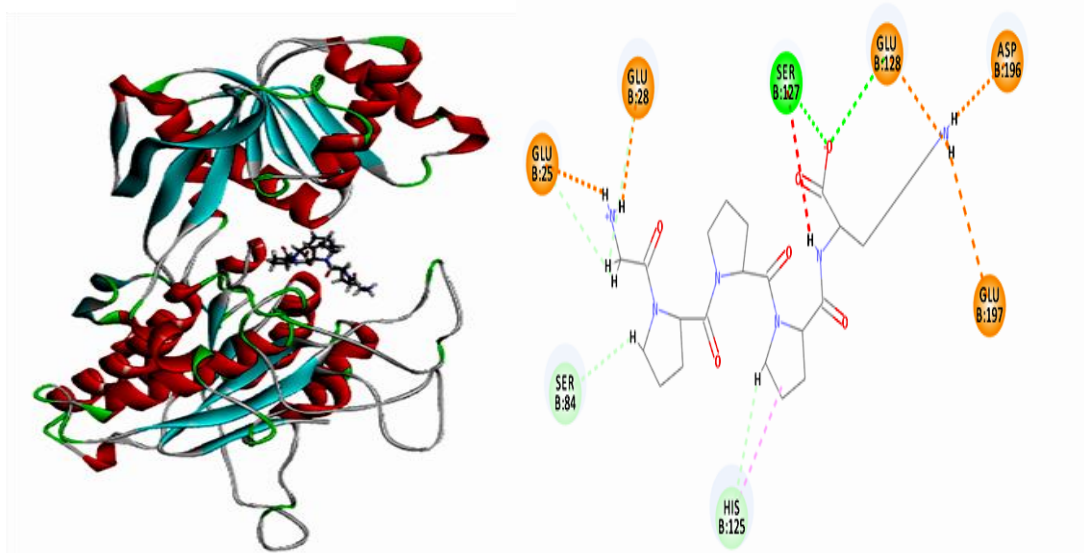
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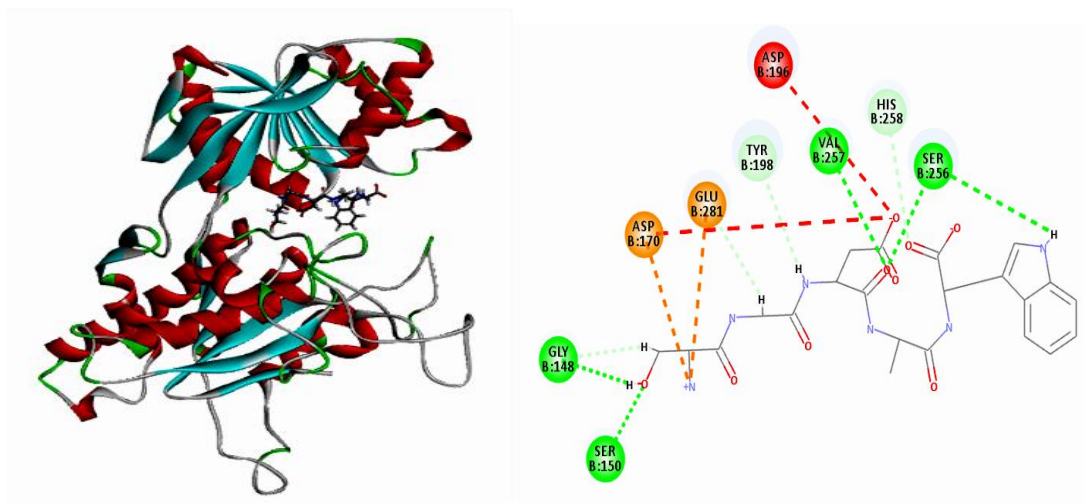
VPGR



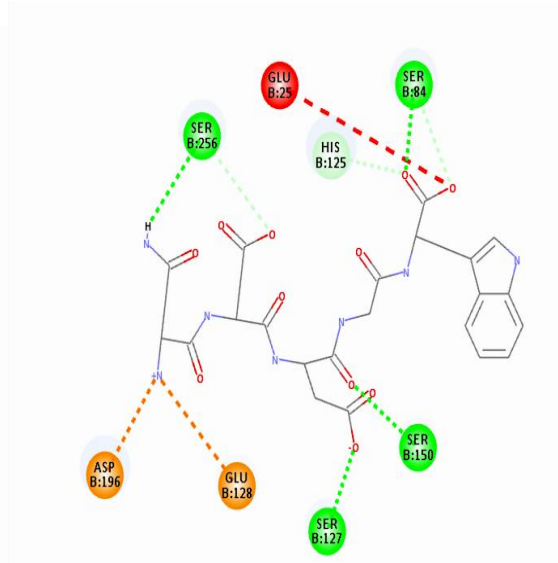
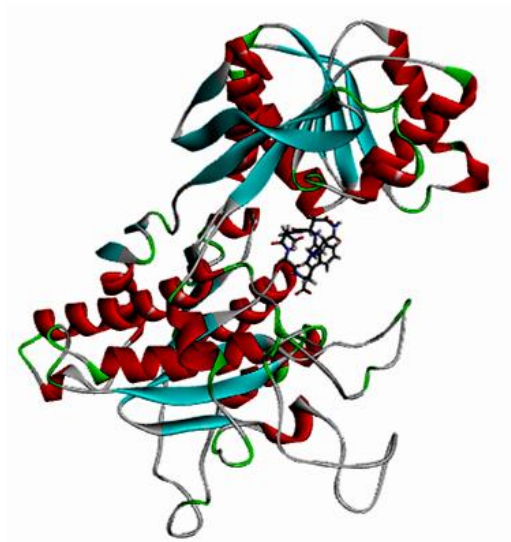
GPPK



SGDAW



NDDGW



GQPRP

