

2Z5G

	1	10	20	30
2Z5G	MM.....KCCR	IMFVLLGL	...WFVFGLSVFGGR	...T.....EAASLRANDA..
ThaL	MKQWPWHRGTR	LPRSLLSL	QPSTLRVFSSTAKPLRHDP	IRDLGRLIHDDYATIRETYA..
TaLipA	.....MRLSLVTA	..AVA	LSAATPIERA	.....STSGINDYDCKA
RN2	.....MLSVSVF	..SFR	PSASA	.....

	β1	TT	η1	α1	β2		
2Z5G	40	50	60	70	80		
2Z5G	...PVLHGF	FWG	REE...MFGFKY	WGGV	RGT...QWLNDNGY	RTY...TLAV	
ThaL	...TPKYPIVLAHGL	FGF	SELRV	SPLPTIEY	WNG...IKQAL	TANNCTVI...TATV	
TaLipA	QPGKEPIVFLHGL	LPA	.....PPGLN	FLT	...KLPVF	ASKGYCVF	FAPTYGT
RN2	...ASHNPVVMVHGI	GG	.....ADYN	F	IG...IKSY	LQSQGW	.....TSSSE

	α2	β3	α3	β4	η2	
2Z5G	90	100	110	120	130	
2Z5G	GP	LS	SNWD	.....RACEAY	AQ	LVG
ThaL	PP	SG	SIE	.....RAAKL	AAD	ILACT
TaLipA	IF	AGAKV	EDSSKEI	AGV	.....V	DKVLAST
RN2	LY	AIN	FID	KTGNN	INNAP	RLSEY

	β5	α4	α5	η3	β6	
2Z5G	140	150	160	170	180	
2Z5G	RGGR	RIHIIAHS	QGGQT	ARM	LVSL	LE
ThaL	...AVNII	AHSMG	GLD	ARYM	ISL	LR
TaLipA	...KVN	LV	AHSMG	TLV	AA	Y
RN2	...KV	D	LV	AHSMG	GANT	LY

	TT	η4	α6	η5	TT	
2Z5G	200	210	220	230	240	
2Z5G	TPHD	GTT	L	VNMVDF	TDRFFDLQ	KAVLEAA
ThaL	TPHR	GSSF	ADY	.....L	VERGAG	PLHLPRL
TaLipA	PVYN	GTT	EASL	.....RL	.....LKQ	W
RN2	G	ANRL	LV	T	.....	.....

	α7	α8	α9	α10	TT	β7	β8
2Z5G	250	260	270	280	290	300	
2Z5G	S	F	DHYFER	LKRSPV	WSTDT	ARYD	LSVSGAE
ThaL	A	F	GQLT	TRYMR	.....EEF	N	PRVRD
TaLipA	A	F	.....	CPGC	I	DAVPP	S
RN2	.....	.....	.....	NTAPQ	N	DKI	.....

	β9	TT	α11	α12	η6	η7	η8	TT	β10
2Z5G	310	320	330	340	350	360			
2Z5G	NHYP	ELGMNA	FSA	VVCAP	FLG	SYRNP	TLG	ID	DRWL
ThaL	.....	.....	.....	.....	.....	.....	.....	.....	.....
TaLipA	.....	.....	.....	.....	.....	.....	.....	.....	.....
RN2	.....	.....	.....	.....	.....	.....	.....	.....	.....

	β11	η9	TT	α13
2Z5G	370	380	390	400
2Z5G	D	G	L	KKGV
ThaL	K	C	T	.....
TaLipA	I	C	M	.....
RN2	V	G	L	.....

2Z5G

2Z5G	L	ASLQP
ThaL	L	AKEGL
TaLipA	.....
RN2	L	TASGK