

Table 4. Comparing the diversity of domains present in partners of each isoform

domain	zeta	domain	beta	domain	epsilon	domain	eta	domain	gamma	domain	sigma	domain	theta
	num. of occurrence s		num. of occurrence s		num. of occurrence s		num. of occurrence s		num. of occurrence s		num. of occurrence s		num. of occurrence s
AAA	11	ANK	18	BH3	3	ANK	6	AAA	5	ANK	6	ANK	15
ACR	2	B41	11	C1	9	ARM	10	ABH	1	ARM	19	B41	7
ACTIN	1	BH3	5	C2	2	B41	3	ADF	1	B41	3	BH3	3
ADF	1	C1	11	CALXB	6	BH3	3	Albumin	3	BBOX	1	C1	8
ANK	6	C2	3	CASc	1	BRK	1	ANK	23	BCL	1	C2	2
ANX	8	CALXB	5	CC	69	BROMO	2	ARFGAP	3	BH3	3	CALPAIN_II	1
ARM	9	CC	117	CNMP	1	BTB	1	ARM	11	BRCT	1	CALXB	7
B41	5	CH	1	CUE	1	C1	8	B41	10	BTB	1	CBS	1
BAH	2	CNH	1	EF	12	C2	9	BBOX	1	C1	5	CC	96
BBC	1	COLL	1	ERM	1	CC	131	BH3	2	C2	3	CYSPC	1
BBOX	3	DEATH	1	FHA	1	CNMP	1	BTB	4	CC	80	DEATH	1
BROMO	1	DEXDc	3	FN3	3	CT	1	C1	21	CNH	1	DEXDc	2
BTB	1	DSH	1	FU	4	DEXDc	1	C2	8	ERM	1	DSH	1
C1	13	DSRM	1	HLH	1	FCH	1	CC	271	FU	3	EF	9
C2	17	EGF	1	HSF	1	FH	1	CH	8	FYVE	2	EGF	1
CAAX	1	ERM	1	IPT	3	FHA	3	CLH	7	GuKinase	4	ERM	1
CC	146	F58C	1	KISC	1	HEAT	14	CNMP	1	HECT	1	FHA	2
CH	3	FCH	1	LZ	2	HELIC	1	COLL	1	HOLI	1	FN3	4
CLH	7	FH	1	NES	3	HLH	3	CYCLIN	1	HR1	1	FU	3
CNMP	1	FHA	4	NLS	3	HOLI	4	DEXDc	9	I_Phosphatas e	1	FYVE	1
CPDc	1	FN3	10	PAC	1	HOX	1	DSRM	1	IG	1	GoLoco	1
CYCLIN	1	FU	3	PB1	2	HRM	1	EGF	4	IPT	3	GuKinase	3
DEXDc	4	G_PATCH GTP_EFTU_D	1	PDZ	1	IG	4	EGFCA	2	KELCH	9	HELIC	2
DISINT	2	2	1	PH	9	IPT	3	EGFL	15	KISC	2	HLH	3
DSRM	2	GuKinase	3	PHD	1	KISC	4	F58C	1	KUNITZ	1	HOLI	4
EF	8	HAT	26	PISC	1	LA	1	FCH	1	LIM	20	IPT	5
ERM	2	HDc	1	PSI	1	LIM	20	FF	5	LZ	5	KISC	3
FCH	1	HEAT	1	PTBI	3	LZ	1	FH	2	NES	5	LA	1
FH	3	HECT	1	RA	1	MATH	1	FHA	4	NLS	8	LRR	1
FHA	3	HELIC	3	RAS	1	NES	5	FN3	6	NPXY	1	LZ	1
FN3	7	HLH	2	RBD	2	NLS	8	FU	1	PB1	1	NES	4
FU	4	IG	4	REC	4	PAC	1	FYVE	1	PBD	2	NLS	4
HEAT	19	IGC2	1	RGS	1	PAS	3	G_PATCH	1	PbH1	5	PAS	2
HELIC	4	IL6	1	RHOD	2	PB1	6	GEL	4	PDZ	34	PB1	2
HMG	1	IPT	3	RHOGAP	1	PBD	1	GTP_EFTU_D	1	PH	16	PBD	2

HR1	1	KISC	4	RHOGEF	6	PDZ	17	GuKinase	2	PHD	1	PDZ	11
HSF	1	LA	1	RING	2	PH	9	HEAT	1	PI3KA	1	PEST	1
IBN_NT	4	LIM	1	S_T_kinase S_T_Y_Kina se	19	PHD	1	HECT	1	PI3KC	2	PH	10
IL6	1	LRR	7	SEMA	2	PI3KA	1	HELIC	9	PI3KC2	1	PHD	1
IPT	4	LZ	6	SH2	1	PI3KC	1	HLH	1	PRY	1	PI3KA	3
IQ	4	MA3	1	SH3	6	PP2A	1	I_Phosphatase	2	PSI	1	PI3KC	5
JAB	1	MIF4G	1	SORB	10	PSI	1	IBN_NT	1	PTB	1	PI3KC2	2
KH	4	MORN	8	SP	1	PTB	10	IG	1	PTBI	2	PSI	2
KISC	3	NES	9	SYNUC	12	PTBI	2	IGC2	1	PX	1	PTBI	1
Ku78	1	NLS	12	TGFB	1	RA	5	IGFLMN	24	RA	1	RA	2
LA	1	NPXY	1	TM	1	RAS	1	IL6	1	RasGEF	1	RAS	1
LIM	2	PB1	4	Tyr_Kinase	59	RBD	4	KISC	5	RBD	4	RasGEF	1
LISH	1	PBD	1	UBA	7	RHO	1	LA	1	REC	2	RasGEFN	1
LRR	19	PDZ	23	UCH	5	RHOD	2	LDLA	31	RHD	2	RBD	2
LZ	5	PEST	2	VPS9	1	RHOGAP	2	LDLRB	34	RHO	1	REC	2
MA3	1	PH	13	WD40	1	RHOGEF	4	LIM	16	RHOD	1	RGS	2
MATH	1	PHD	1	WW	11	RING	2	LISH	1	RHOGAP	4	RHOD	1
MIF4G	1	PI3KC	2	ZnF_RBZ	1	S_T_kinase S_T_Y_Kina se	20	LRR	12	RHOGEF	5	RHOGAP	1
NES	5	PSI	3	ZnFA20	2	SEMA	1	LZ	7	RING	6	RHOGEF	3
NLS	26	PTBI	3		7	SH2	1	MCM	1	RRM	3	RING	1
PB1	5	RA	4			SH3	4	MIF4G	4	S_T_kinase S_T_Y_Kina se	15	RRM	6
PBD	1	RAS	2			SM	10	NES	9	SAM	2	S_T_kinase S_T_Y_Kina se	13
PDZ	11	RASGAP	1			SP	1	NLS	14	SAP	12	SAM	1
PEST	2	RasGEF	1			TBC	8	PB1	3	Sec7	2	SAM	4
PGK	1	RBD	3			TM	5	PBD	2	SEMA	1	SAP	1
PH	11	REC	4			TPR	44	PbH1	5	SH2	1	SEMA	1
PHD	1	RGS	2			Tyr_Kinase	28	PDZ	20	SH3	7	SET	1
PI3KA	1	RHD	2			Tyr_Phos	5	PH	28	SORB	16	SH2	2
PI3KC	2	RHOD	3			UBA	2	PHD	1	SP	1	SH3	5
PI3KC2	1	RHOGAP	3			UBQ	3	PI3KA	1	SPRY	12	SP	12
PINT	1	RHOGEF	5			UCH	1	PI3KC	3	TM	2	STI1	3
PLEC	14	RING	3			VHP	2	PI3KC2	1	TPR	29	TM	69
PP2A	2	RRM	5			WD40	5	PP2C	1	Tyr_Kinase	7	TPR	28
PROF	1	S_T_kinase	23			ZnF_C3H1	5	PRY	1	UCH	6	TUBULIN	2
PRY	2	S_T_Y_Kinase	6			ZnF_C4	2	PTB	11	VHP	4	Tyr_Kinase	3
PSI	1	SAM	4			ZnF_RBZ	4	PTBI	3	WD40	3	UBA	4
PTB	4	SAP	2			ZnF_ZZ	1	PWI	1		2	UBQ	1
PTBI	3	Sec7	1			ZnFA20	1	RA	5		5	UCH	1
PX	1	SEMA	1				7	RASGAP	1		24	VWA	1

RA	2	SH2	8	RasGEF	2	WW	7	WD40	19
RAS	2	SH3	11	RasGEFN	1	WWE	2	WW	4
RASGAP	1	SP	15	RBD	7	ZnF_C4	1	ZnF_C4	4
RasGEF	2	SYNUC	1	REC	2	ZnF_RBZ	1		
RasGEFN	1	TM	87	RGS	1	ZNFC2	4		
RBD	3	TPR	21	RHD	2				
REC	4	TUBULIN	1	RHOD	1				
REP	2	TUDOR	1	RHOGAP	4				
RHD	2	Tyr_Kinase	8	RHOGEF	12				
RHO	1	Tyr_Phos	4	RING	5				
RHOD	2	UBA	4	RRM	35				
RHOGAP	3	UBQ	9	S_T_kinase	27				
				S_T_Y_Kinas					
RHOGEF	5	UCH	1	e	4				
RING	5	VPS9	4	SAM	11				
RRM	16	VWA	2	SANT	2				
S_100	2	WD40	26	SAP	1				
S_T_kinase	22	ZnF_RBZ	1	Sec7	1				
S_T_Y_Kinas									
se	1	ZnFA20	9	SET	1				
S1	1	ZNFC2	2	SH2	5				
SAM	4			SH3	17				
SANT	2			SP	12				
SAP	1			SPECTRIN	17				
SEMA	1			SPRY	1				
SH2	2			TBC	4				
SH3	5			TM	37				
SIS	1			TPR	24				
SP	25			TUBULIN	4				
SPECTRIN	25			TUDOR	1				
SPRY	2			Tyr_Kinase	4				
TBC	2			Tyr_Phos	4				
TM	74			UBA	4				
TPR	7			UBOX	1				
TUBULIN	3			UBQ	11				
Tyr_Kinase	3			UCH	1				
Tyr_Phos	1			UIM	3				
UBA	5			VHP	5				
UBQ	9			VPS9	1				
VPS9	1			WD40	27				
VWA	1			WSXWS	1				
WD40	29			WW	8				
WSXWS	2			ZnF_C3H1	1				

WW	1				ZnF_RBZ	3		
ZnF_C3H1	1				ZnFA20	8		
ZnFA20	7				ZNFC2	23		
ZNFC2	3							
Total	746	642	313	488		1049	458	442