

TABLE 1. Recognition Specificity of Domains Involved in Protein Interaction

Domain	Target motifs ^a	Domain	Target motifs ^a
WW	(L/P)Pp(Y/poY) PPLPp (p/φ)P(p/g)PppR (p/φ)PP(R/K)gpPp (poS/poT)P (p/φ)PPPPP (Macias et al. 2002; Otte et al. 2003)	SH3	(R/K)xφPxφP φPxφPx(R/K) (Cesareni et al. 2002)
WH1	PPxx(F/Y) (D/E)FPxφP (Ball et al. 2002)	SH2	poYxE/N poY(I/V)x(V/I/L/P) poYxxQ Yφ GpoY(K/Q)xF (Pawson 2004)
VHS	DxxLL (Puertollano et al. 2001)	Polo-Box	(φ/P)(φ/Q)(T/Q/H/M)S(poT)P (Elia et al. 2003)
14-3-3	R(S/F/Y/W)x poSxP Rxxx(poS/poT)xP (Yaffe et al. 1997)	BRCT	poSx(I/V/T)(F/Y) (Manke et al. 2003; Rodriguez et al. 2003)
FF	poS (Allen et al. 2002)	PTB	NPx(Y/poY) (Yan et al. 2002)
Chromo	meK (Jacobs et al. 2001)	PDZ	(S/T)x(V/I/L)\$ (V/Y/F)x(V/I/L)\$ (D/E)x(I/V/L)\$ (Vaccaro and Dente 2002)
Bromo	acK (Zeng and Zhou 2002)	GYF	(R)xxPPGxR (Freund et al. 2003)
EH	NPF (Salcini et al. 1997; Paoluzi et al. 1998)	FHA	poTxx(I/L/A) (Durocher and Jackson 2002)

^aTarget motifs are represented according to the Seefeld convention (Aasland et al. 2002) where symbols have the following meaning: x= any amino; meK= methylated lysine; acK= acetylated lysine; poT=phosphorylated threonine; poS= phosphorylated serine; poY= phosphorylated tyrosine; φ = any aliphatic residue; alternative residues at a specific position are indicated in parentheses separated by a slash; \$ = carboxyl terminus of the protein.

Protein-Protein Interactions: A Molecular Cloning Manual, 2nd Ed., © 2005 by Cold Spring Harbor Laboratory Press, Chapter 39, Table 1.