Table 5. ΔL^{mean} and $\Delta\phi$ for α-spectrin SH3 permutants

D48G	**ϕ**	L^{mean}	**S19-P20**	**ϕ**	**Δϕ**	L^{mean}	ΔL^{mean}	**N47-D48**	**ϕ**	**Δϕ**	L^{mean}	ΔL^{mean}
L8S	0.16	33.94	L52S	0.18	0.02	20.11	13.83	L21S	0.39	0.23	15.8	18.14
V23A	0.32	24.65	V6A	0.23	-0.09	27.91	-3.26	V36A	0.27	-0.05	27.35	-2.7
T24A	0.29	n.d.	T7A	0.5	0.21	n.d.	n.d.	T37A	0.23	-0.06	n.d.	n.d.
L33V	-0.2	18.29	L16V	-0.25	-0.05	21.04	-2.75	L46V	-0.05	0.15	18.39	-0.1
S36N	0.25	n.d.	S19N	0.27	0.02	n.d.	n.d.	S49N	0.42	0.17	n.d.	n.d.
K43A	0.26	8.51	K26A	0	-0.26	11.67	-3.16	K56A	-0.1	-0.36	35.86	-27.35
V44A	0.48	14.69	V27A	0.18	-0.3	13.55	1.14	V57A	0.04	-0.44	29.94	-15.25
V53A	0.61	21.74	V36A	-		17.62	4.12	V5A	0.45	-0.16	34.75	-13.01

ϕ-Values for α-spectrin Src homology 3 were taken from table 1 in ref. 1, and values for the permutants were from bar graphs in ref. 2.
n.d., not determined because the calculations of L^{mean} are based only on deleted contacts between carbon-carbon atoms.

1.Martinez, J. C. & Serrano, L. (1999) *Nat. Struct. Biol.* **6,** 1010-1016.

2.Viguera, A. R., Serrano, L. & Wilmanns, M. (1996) *Nat. Struct. Biol.* **3,** 874-880.