

Supporting Information

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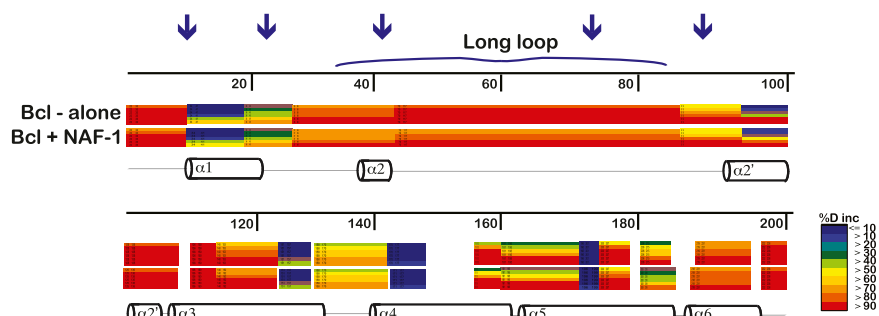


Fig. S1. Time-dependent deuterium incorporation into Bcl-2. Deuteration levels of probes as a function of time are colored-coded and assigned to the primary structure in Bcl-2. Regions of secondary structure known from the solution structure data are assigned below the residues. Arrows indicate peptides with significant differences in protection.

Table S1. Top 30 DI-ranked pairs computed with DCA for interdomain interactions of Pfam families zf-CDGSH and BH4 mapped to proteins NAF-1 and Bcl-2

DI rank of pairs in domains zf-CDGSH-BH4	Residue in NAF-1	Residue in Bcl-2
1	99	13
2	101	13
3	80	20
4	103	21
5	105	20
6	96	26
7	112	23
8	108	13
9	110	13
10	114	13
11	94	7
12	111	13
13	115	15
14	104	13
15	99	23
16	80	21
17	80	13
18	109	29
19	115	23
20	101	23
21	105	30
22	89	19
23	92	7
24	109	14
25	103	20
26	115	7
27	105	21
28	101	20
29	99	20
30	99	21

DCA, direct coupling analysis; DI, direct information.

Table S2. Top 30 DI-ranked pairs computed with DCA for interdomain interactions of Pfam families zf-CDGSH and Bcl-2 mapped to proteins NAF-1 and Bcl-2

DI rank of pairs in domains zf-CDGSH-Bcl-2	Residue in NAF-1	Residue in Bcl-2
1	77	171
2	85	150
3	99	192
4	101	192
5	99	141
6	101	141
7	98	155
8	99	185
9	101	185
10	88	155
11	105	136
12	106	140
13	99	150
14	101	150
15	80	141
16	96	108
17	80	192
18	105	139
19	84	150
20	105	94
21	98	140
22	105	143
23	108	192
24	110	192
25	111	192
26	114	192
27	104	147
28	112	191
29	112	192
30	105	96