

Table 1. Structural properties of the studied homodimers.

	Name	PDB code	# residue per monomer	Linker length (# Gly)	Monomeric native contacts	Interfacial native contacts
Two-state dimers	Troponin C site	1cta	34	7	43	50
	Arc repressor	1arr	53	18	57	135
	Gene V protein	2gvb	87	10	198	69
	Factor for inversion stimulation	1f36	89	12	141	156
	β nerve growth factor	1bet	107	10	253	113
Three-state dimers	Lamda repressor	1lmb	87	15	192	52
	Lambda Cro repressor	1cop	66	12, 20, 30	121	57
	LFB1 transcription factor	1lfb	77	12	150	46
	Streptomyces subtilisim inhibition	3ssi	108	10	278	75
	Superoxide dismutase	1xso	150	18	454	59
	Trp repressor*	2wrp	101	12	155	156

* Trp repressor is a three-state homodimer where a dimeric conformation constitutes the intermediate state and no folded monomer is detected.