Supplementary material for Marvin and Hellinga (2001) *Proc. Natl. Acad. Sci. USA* **98** (9), 4955–4960. (10.1073/pnas.091083898)

Table 6. Detailed descriptions of the designs: Angles

Site	Angle definition	Angle
A1	$H63_{II}N_{\epsilon}$ – Zn – $H66_{II}N_{\epsilon}$	83.3
	$H63_{II}N_{\varepsilon}$ – Zn – $H340_{I}N_{\delta}$	132.1
	$H66_{II}N_{\epsilon}$ – Zn – $H340_{I}N_{\delta}$	99.5
A2	$H63_{II}N_{\epsilon}$ – Zn – $H66_{II}N_{\epsilon}$	91.7
	$H63_{II}N_{\epsilon}$ – Zn – $H155_{I}N_{\epsilon}$	106.2
	$H66_{II}N_{\epsilon}$ – Zn – $H155_{I}N_{\epsilon}$	136.2
B1	$H42_{II}N_{\epsilon}$ – Zn – $H44_{II}N_{\epsilon}$	81.4
	$H42_{II}N_{\epsilon}$ – Zn – $H341_{I}N_{\epsilon}$	124.3
	$H44_{II}N_{\epsilon}$ – Zn – $H341_{I}N_{\epsilon}$	143.2
B2	$H48_{II}N_{\epsilon}$ – Zn – $H69_{II}N_{\delta}$	82.1
	$H48_{II}N_{\epsilon}$ – Zn – $H338_{I}N_{\epsilon}$	136.8
	$H69_{II}N_{\epsilon}$ – Zn – $H338_{I}N_{\epsilon}$	88.3

Angles reported in degrees. Subscripts I and II refer to the domain in which the residue is located (see Fig. 1).