Supporting information for Fleming and Engelman (November 27, 2001) *Proc. Natl. Acad. Sci. USA*, 10.1073/pnas.251367498.

Table 1. Free energy change as a function of mutation to alanine

Approximate location	Residue	$\Delta\Delta G_{Mut}$
"Lipid-facing"	Ile ⁷⁷ Ala	+0.1 (±0.2)
residues	Phe ⁷⁸ Ala	-0.1 (±0.3)
	Met ⁸¹ Ala	-0.2 (±0.1)
	Ile ⁸⁵ Ala	-0.4 (±0.1)
	Gly ⁸⁶ Ala	-0.1 (±0.2)
"Helix-interaction"	Leu ⁷⁵ Ala	+1.3 (±0.1)
residues	Ile ⁷⁶ Ala	+1.8 (±0.1)
	Gly ⁷⁹ Ala	+1.7 (±0.2)
	Val ⁸⁰ Ala	+0.4 (±0.2)
	Gly ⁸³ Ala	+3.2 (±0.2)
	Val ⁸⁴ Ala	+1.0 (±0.2)
	Thr ⁸⁷ Ala	+0.9 (±0.1)

These are the data plotted in Fig. 3.