Supplementary Material: Accounting for protein-solvent contacts facilitates design of non-aggregating lattice proteins

Sanne Abeln*
Bioinformatics section, Department of Computer Science,
VU University, Amsterdam, Netherlands

Daan Frenkel Department of Chemistry, University of Cambridge, UK

November 15, 2010

^{*}Corresponding author. Address: Bioinformatics section, Department of Computer Science,, VU University, Amsterdam, Netherlands De Boelelaan 1081A 1081 HV Amsterdam Netherlands Tel.: +31 20 59 87816 Fax: +31 20 59 87653

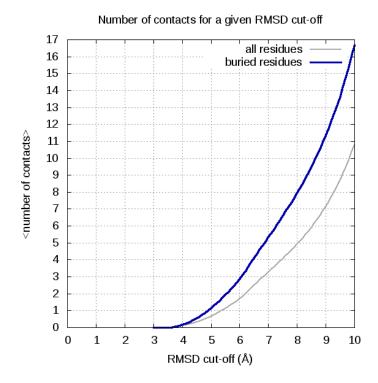


Figure 1: Coordination number of residues in protein structures The distance cut-off between C-beta atoms versus the number of contacts within the distance cut-off. Buried residues are those with a solvent accessibility <70% (Hubbard et. al. 1987).