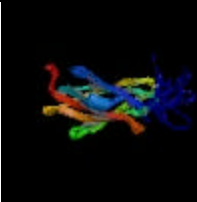

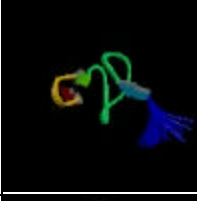

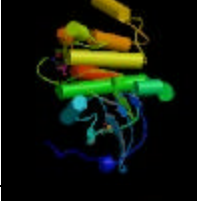
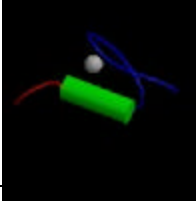

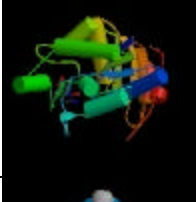






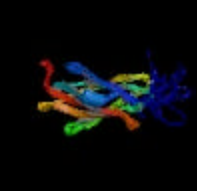




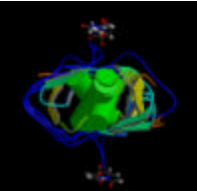
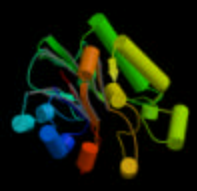

Part (a)

Fold Rankings for *G*

G Rank (Number matches)	Ψ G Rank	Fold	Representative Domain, SCOP 1.39 Number, Description	G Rank (Number matches)	Ψ G Rank	Fold	Representative Domain, SCOP 1.39 Number, Description
1 (769)	2		d1ajw__ 2.1 Immuno- globulin	6 (246)	8		d21bd__ 1.95 Nuc. receptor ligand-binding domain
2 (555)	6		d1dec__ 7.3 Knottin	7 (243)	34		d1a17__ 1.91 Alpha/alpha superhelix
3 (434)	3		d3lck__ 5.1 Protein kinase	8 (227)	17		d1sp2__ 7.31 Classic zinc finger
4 (302)	1		d1tsg__ 4.105 C-type lectin	9 (215)	20		d1dai__ 3.29 P-loop NTP hydrolase
5 (274)	7		d1zfo__ 7.33 Glucocorticoid receptor DNA- binding dom.	10 (197)	13		d2aw0__ 4.34 Ferredoxin

Part (b)

Pseudofold rankings for ΨG

ΨG Rank (Number matches)	G Rank	Fold	Representative Domain, SCOP 1.39 Number, Description	ΨG Rank (Number matches)	G Rank	Fold	Representative Domain, SCOP 1.39 Number, Description
1 (39)	4		d1tsg__ 4.105 C-type lectin	6 (18)	2		d1dec__ 7.3 Knottin
2 (32)	1		d1ajw__ 2.1 Immunoglobulin	7 (17)	5		d1zfo__ 7.33 Glucocorticoid receptor DNA-binding dom.
3 (27)	3		d3lck__ 5.1 Protein kinase	8 (15)	6		d21bd__ 1.95 Nuc. receptor ligand-binding domain
4 (25)	11		d1cvl__ 3.56 Alpha/beta-hydrolase	9 (13)	58		d1bus__ 7.14 Ovomucoid PCI inhibitor fold
5 (23)	63		d1ako__ 4.93 DNAse-I fold	9 (13)	19		d2bnh__ 3.7 Leu-rich, right-handed β superhelix