

TABLE S6

Design Protocol	Thioredoxin Interface Residues												Identical to Native	
	31	34	37	60	72	73	74	75	91	93	94	98	#	%
NATIVE	W	P	M	I	I	R	G	I	V	A	L	Q	12	
MULTI	+	+	R	H	E	W	+	+	W	L	Q	W	4	33%
SINGLE 1F6M 1T7P	+	M	R	+	M	W	+	N	W	Q	W	R	3	25%
	+	+	W	F	W	+	H	T	+	I	Q	W	4	33%