

TABLE S11

Design Protocol		Ran Interface Residues																		Identical to Native	
		43	44	45	67	68	70	71	74	75	76	77	78	79	95	96	106	110	134	#	%
NATIVE		L	G	V	A	G	E	K	G	L	R	D	G	Y	R	V	R	R	K	18	
MULTI		E	+	M	G	+	H	+	+	+	+	+	+	A	+	H	+	+	+	12	67%
SINGLE	1A2K	Q	+	W	V	+	W	+	H	G	+	R	+	Q	L	R	Y	M	V	5	28%
	1I2M	R	R	E	H	+	R	E	+	G	+	R	L	V	+	H	+	F	+	6	33%
	1IBR	K	M	L	T	+	W	W	S	+	+	+	T	F	N	G	Q	+	W	5	28%
	1K5D	+	+	P	G	F	Y	R	D	+	L	I	F	G	+	R	G	Y	R	4	22%
	1WA5	E	S	E	T	Y	R	D	+	+	+	+	M	E	+	K	+	E	+	7	39%