

Table S5. Interface predictions of PS-HomPPI on cases that have more than two chains but only a subset of chains have templates. The query chain pairs that do not have templates are marked with dashes, because PS-HomPPI cannot make predictions on them.

	Case ID	Query Chain	Partner Chain	Confidence Zone	# Actual Interface				
					Residues	CC	F1	Sensitivity	Specificity
Group I	1GP2	B	A	Safe	35	0.91	0.92	1.00	0.85
		A	B	Safe	19	0.95	0.95	1.00	0.90
		A	G	No homolog found	0	-	-	-	-
		G	A	No homolog found	0	-	-	-	-
	1K5D	A	C	Safe	31	0.95	0.95	1.00	0.91
		B	C	No homolog found	0	-	-	-	-
		C	B	No homolog found	0	-	-	-	-
	1JMO	H	A	Safe	55	0.61	0.67	0.56	0.82
		A	H	Safe	26	0.51	0.52	0.42	0.69
		A	L	No homolog found	0	-	-	-	-
		L	A	No homolog found	0	-	-	-	-
	1F51	A	E	Safe	17	0.08	0.18	0.18	0.18
		E	A	Safe	24	0.89	0.91	0.83	1.00
		B	E	No homolog found	8	-	-	-	-
		E	B	No homolog found	5	-	-	-	-
	Group II	1E6J	P	H	Twilight 1	12	-0.18	0.06	0.08
H			P	Twilight 1	17	0.27	0.33	0.41	0.28
P			L	No homolog found	5	-	-	-	-
L			P	No homolog found	4	-	-	-	-
2FD6		L	U	Twilight 1	6	0.12	0.12	0.50	0.07
		U	L	Twilight 1	8	-0.04	0.00	0.00	0.00
		U	H	No homolog found	15	-	-	-	-
		H	U	No homolog found	9	-	-	-	-
Group III	2HMI	A	D	Safe	0	0.32	0.00	0.00	0.00
		A	C	Safe	0	0.33	0.00	0.00	0.00
		D	A	Safe	0	0.28	0.00	0.00	0.00
		C	A	Safe	0	0.31	0.00	0.00	0.00
		B	D	No homolog found	13	-	-	-	-
		C	B	No homolog found	6	-	-	-	-
		B	C	No homolog found	5	-	-	-	-
		D	B	No homolog found	15	-	-	-	-