

**TABLE S7**

Design Protocol	IL-6 Interface Residues													Identical to Native		
	142	144	145	147	165	166	167	168	169	170	193	226	229	230	#	%
<b>NATIVE</b>	W	T	H	F	S	T	V	Y	F	V	D	S	S	V	14	
<b>MULTI</b>	+	R	R	+	+	H	I	+	+	F	F	K	H	+	6	43%
SINGLE 111R	+	R	R	+	+	E	I	+	+	F	R	K	H	D	5	36%
1P9M	+	E	R	R	A	H	I	P	+	+	F	E	S	F	3	21%