

SUPPLEMENTARY TABLE S1. DESCRIPTION OF EXPERIMENTAL RUNS REQUIRED FOR THE CLASSICAL SCREENING EXPERIMENTAL DESIGN AS DEFINED BY JMP

<i>Run</i>	<i>Pattern</i>	<i>Time (h)</i>	<i>pH</i>	<i>Ionic strength (mM)</i>	<i>Protein:polymer (wt%)</i>
1	+++	2	7.5	5	10
2	+++	2	4.5	154	10
3	+++	2	7.5	154	3
4	---	2	4.5	5	3
5	+-	2	7.5	5	3
6	-+	2	4.5	154	3
7	++	2	4.5	5	10
8	+++	2	7.5	154	10
9	0A00	24	7.5	79.5	6.5
10	00A0	24	6	154	6.5
11	000A	24	6	79.5	13.5
12	0a00	24	4.5	79.5	6.5
13	0	24	6	79.5	6.5
14	00a0	24	6	5	6.5
15	+++	48	4.5	5	10
16	++++	48	7.5	154	10
17	+++	48	4.5	154	10
18	+++	48	7.5	154	3
19	+++	48	7.5	5	10
20	++	48	7.5	5	3
21	+-	48	4.5	5	3
22	-+	48	4.5	154	3
23	A000	72	6	79.5	6.5