

Supplementary material

Table 1. Scheme for data splitting for trained and tested microorganisms. Each data set's storage time is specified in days. Test data are highlighted in green.

Data set	25 °C			Dessicator			Cold sampling			HCl			Heat dried			2-propanol			NaOH			Regular		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
<i>B. sub</i>	1	2	3	8	9	10	8	12	14	3	9	14	7	9	10	1	9	15	1	6	7	4	6	8
<i>B. therm</i>	4	9	1	9	15	1	3	7	20	9	10	14	8	14	16	10	11	15	2	7	8	5	7	15
<i>B. tii</i>	1	9	1	8	9	10	11	12	3	7	8	9	7	9	10	2	8	15	6	7	8	5	6	8
<i>E. coli</i> K12	4	9	1	9	15	1	3	7	20	6	9	14	8	14	16	2	9	15	2	7	8	21	5	12
<i>E. coli</i> HB101	11	9	1	9	10	1	3	15	7	6	8	14	8	9	11	2	9	16	3	6	7	21	1	7
<i>M. luteus</i>	8	2	13	18	10	16	3	11	15	3	9	14	8	9	11	1	9	15	1	6	7	21	18	7
<i>Ps. fluor</i> 4358	1	8	1	9	15	1	3	16	20	6	8	14	8	14	16	2	9	15	6	6	7	12	5	18
<i>Ps. fluor</i> 50090	8	4	1	9	15	1	3	11	23	6	9	14	8	14	16	1	8	16	6	6	7	5	21	12
<i>E. coli</i> TOP10	1	9	1	15	15	1	16	20	7	8	9	14	17	14	16	2	8	15	2	7	8	1	5	12

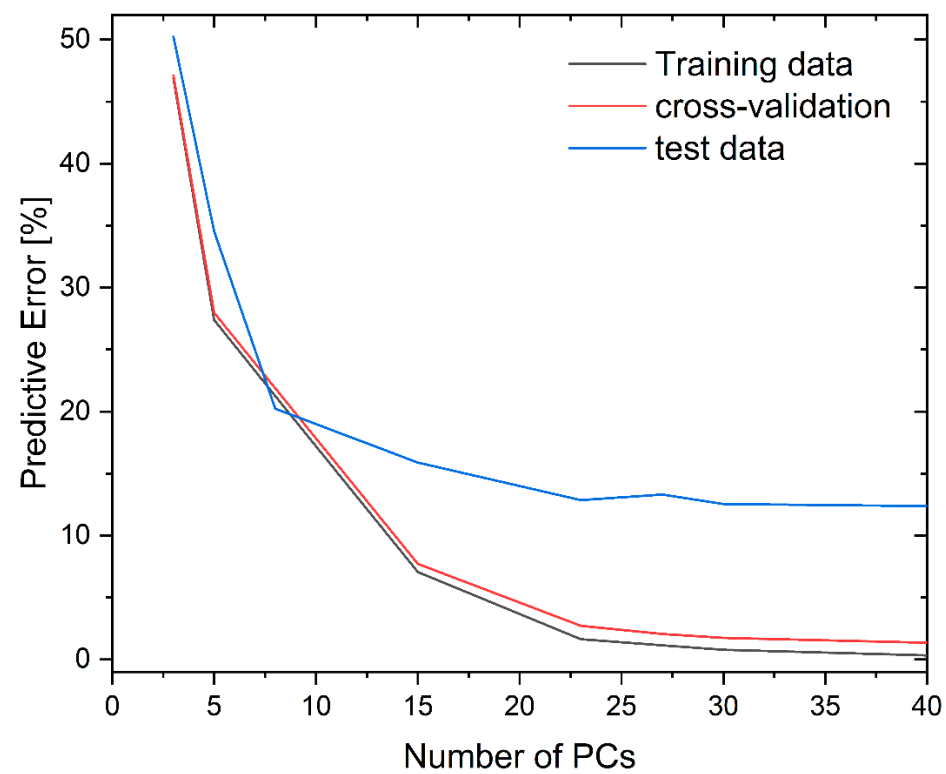


Figure S1. Check for Overfitting.