

SUPPLEMENTARY MATERIALS

Supp. 1 Confusion Matrix for spectra acquired in TARH environmental matrix. The specific training set (SPEC) was used.

	BC	BS	SE	EC	SM	Sens.	Spec.
BC	48				1	99.7	99.5
BS		52				100	99.9
SE			36			100	100
EC				78	2	97.9	82
SM	1	0		37	13	25.9	99.4

Sens. = sensitivity (true-positive), Spec. = specificity (true-negative). Note classifier was trained on balance dataset.