

Supplementary Table 5. LC-MS/MS quantification of three acyl homoserine lactones in μM in resin (XAD) and residual broth culture (BE) and from broth culture without resin (BC).

Strain, plasmid, resin extract (XAD), broth extract (BE) fractions or broth culture only control (BC)	AHL Signal in μM		
	C8	OH-C8	OH-C10
Rr2-17 (pSRKKm) - 0.25% XAD	0.04	2.25	0.21
Rr2-17 (pSRKKm) - 0.5% XAD	0.06	2.91	0.28
Rr2-17 (pSRKKm) - 1.0% XAD	0.04	2.52	0.22
Rr2-17 (pSRKKm) - 2.0% XAD	0.07	2.87	0.36
Rr2-17 (pSRKKm) - 0.25% BE	nd	0.14	nd
Rr2-17 (pSRKKm) - 0.5% BE	nd	0.06	nd
Rr2-17 (pSRKKm) - 1.0% BE	nd	0.03	nd
Rr2-17 (pSRKKm) - 2.0% BE	nd	nd	nd
Rr2-17 (pSRKKm) - BC control	0.05	1.56	0.27
Rr2-17 (pSRKKm::novIspR1) - 0.25% XAD	0.23	15.81	1.63
Rr2-17 (pSRKKm::novIspR1) - 0.5% XAD	0.3	17.52	1.95
Rr2-17 (pSRKKm::novIspR1) - 1.0% XAD	0.28	18.28	1.84
Rr2-17 (pSRKKm::novIspR1) - 2.0% XAD	0.58	19.48	3.33
Rr2-17 (pSRKKm::novIspR1) - 0.25% BE	nd	1.28	nd
Rr2-17 (pSRKKm::novIspR1) - 0.5% BE	nd	0.61	nd
Rr2-17 (pSRKKm::novIspR1) - 1.0% BE	nd	0.15	nd
Rr2-17 (pSRKKm::novIspR1) - 2.0% BE	nd	0.14	nd
Rr2-17 (pSRKKm::novIspR1) - BC control	0.25	11.05	1.93