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Global and Phylogenetic Distribution of Quorum Sensing Signals, Acyl Homoserine Lactones, in the Family of Vibrionaceae

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Correction

Correction: Rasmussen, B.B., et al. Global and Phylogenetic Distribution of Quorum Sensing Signals, Acyl Homoserine Lactones, in the Family of Vibrionaceae. *Mar. Drugs* 2014, 12, 5527–5546

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The authors wish to make the following corrections to this paper [1]: Due to duplicated and missing data in Table 3, Page 5533, replace:

Table 3. AHLs in 32 Vibrionaceae strains tested against *C. violaceum* (*Cv*) and *A. tumefaciens* (*At*) using biomass or acidified EtOAc extracts and AHLs detected by UHPLC-DAD-QTOFMS; numbers demonstrate the peak area of the AHL in the chromatogram of the first run; numbers in brackets demonstrate the peak area of the AHL in the chromatogram of the second run; the total no. of occurrences/AHL does not include the reference strain *V. anguillarum* 90-11-287.

Strain	AHL Response in				No of AHL/Strain	Peak Area (1000 Counts) of AHL in Chromatogram								
	Biomass Screen		Extract Well Assay			C4	C6	C7	C8	C12	OH-C4	OH-C6	OH-C4	OH-C6
	<i>Cv</i>	<i>At</i>	<i>Cv</i>	<i>At</i>										
S0188 ^a	–	+	+	+	9	ND	(114) ^c	178 ^b	ND	ND	32 ^b (161) ^b	880 ^b (4822) ^b	32 ^b (161) ^b	880 ^b (4822) ^b
S0202	–	+	–	+	5	ND	ND	ND	ND	ND	ND	118 ^c (1659) ^b	ND	118 ^c (1659) ^b
S0203 ^a	–	+	+	+	7	ND	ND	ND	ND	ND	40 ^b (3709) ^b	964 ^b (6479) ^b	40 ^b (3709) ^b	964 ^b (6479) ^b
S0207	+	+	–	+	4	ND	ND	ND	ND	ND	ND	167 ^c (1807) ^b	ND	167 ^c (1807) ^b
S0209 ^a	+	+	+	+	8	ND	(116) ^b	ND	ND	ND	17 ^c (342) ^b	627 ^b (4297) ^b	17 ^c (342) ^b	627 ^b (4297) ^b
S0273 ^a	+	+	+	+	7	ND	ND	ND	ND	ND	28 ^b (273) ^b	896 ^b (5918) ^b	28 ^b (273) ^b	896 ^b (5918) ^b
S0344	+	–	–	–	2	92 ^b (5352) ^b	ND	ND	ND	ND	(50) ^b	ND	(50) ^b	ND
S0787	–	+	–	+	0	ND	ND	ND	ND	ND	ND	ND	ND	ND
S0821	+	+	+	+	6	ND	ND	ND	57 ^b (6284) ^b	ND	ND	ND	ND	ND
S0843 ^a	+	–	+	+	2	317 ^b (11974) ^b	ND	ND	ND	ND	(94) ^b	ND	(94) ^b	ND
S0845	+	–	–	–	1	83 ^b (5009) ^b	ND	ND	ND	ND	ND	ND	ND	ND
S1073 ^a	–	+	–	+	0	ND	ND	ND	ND	ND	ND	ND	ND	ND
S1089	–	+	–	+	4	ND	ND	ND	ND	(125322) ^b	310 ^b (2279) ^b	(119) ^b	310 ^b (2279) ^b	(119) ^b
S1106	+	+	–	+	4	ND	ND	ND	ND	ND	ND	140 ^c (2050) ^b	ND	140 ^c (2050) ^b
S1110	+	+	–	+	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
S1137	+	+	–	+	2	ND	ND	ND	ND	ND	ND	210 ^c (3154) ^b	ND	210 ^c (3154) ^b
S1162	–	+	–	+	8	ND	ND	ND	ND	ND	ND	ND	ND	ND
S1192	–	+	–	+	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
S1194	–	+	–	–	2	ND	ND	ND	ND	ND	61 ^b (491) ^b	ND	61 ^b (491) ^b	ND
S1196	–	+	–	+	2	ND	ND	ND	ND	ND	163 ^b (1425) ^b	ND	163 ^b (1425) ^b	ND
S1728	–	+	–	+	4	ND	ND	ND	ND	ND	ND	61 ^c (617) ^b	ND	61 ^c (617) ^b
S1729	–	+	+	+	7	ND	ND	ND	53 ^b (5170) ^b	ND	ND	268 ^c (2943) ^b	ND	268 ^c (2943) ^b
S1730	–	+	–	+	5	ND	ND	ND	ND	ND	ND	142 ^c (2643) ^b	ND	142 ^c (2643) ^b
S1732	–	+	–	+	5	ND	ND	ND	ND	ND	ND	201 ^c (2201) ^b	ND	201 ^c (2201) ^b
S2605	+	–	–	+	1	ND	ND	ND	ND	ND	ND	33 ^c (369) ^b	ND	33 ^c (369) ^b
S2606 ^a	+	–	+	+	6	ND	(773) ^c	806 ^b	ND	ND	(90) ^b	961 ^b (6248) ^b	(90) ^b	961 ^b (6248) ^b
S2719	+	–	–	+	2	77 ^b (4578) ^c	(54) ^c	ND	ND	ND	ND	ND	ND	ND
S2757	+	+	+	+	3	ND	(69) ^c	ND	ND	ND	ND	364 ^c (5464) ^b	ND	364 ^c (5464) ^b
S3857	+	+	+	+	2	ND	52 ^c (5321) ^b	ND	(768) ^b	ND	ND	ND	ND	ND
S4497 ^a	+	–	+	+	3	19 ^b (917) ^b	286 ^b (12817) ^b	631 ^b	ND	ND	ND	ND	ND	ND
S4634	+	–	–	+	1	ND	ND	ND	ND	ND	ND	(148) ^b	ND	(148) ^b
S4738 ^a	–	+	–	+	1	ND	ND	ND	ND	ND	219 ^b (2638) ^b	ND	219 ^b (2638) ^b	ND
90-11-287	–	+	+	+	3	ND	ND	ND	ND	ND	ND	192 ^c (2162) ^b	ND	192 ^c (2162) ^b
No of occurrences/AHL						5	7	3	3	1	11	17	11	17

With: **Table 3.** AHLs in 32 Vibrionaceae strains tested against *C. violaceum* (Cv) and *A. tumefaciens* (At) using biomass or acidified EtOAc extracts and AHLs detected by UHPLC-DAD-QTOFMS; numbers demonstrate the peak area of the AHL in the chromatogram of the first run; numbers in brackets demonstrate the peak area of the AHL in the chromatogram of the second run; the total no. of occurrences/AHL does not include the reference strain *V. anguillarum* 90-11-287.

Strain	AHL Response in				No of AHL/Strain	Peak Area (1000 Counts) of AHL in Chromatogram									
	Biomass Screen		Extract Well Assay			C4	C6	C7	C8	C12	OH-C4	OH-C6	OH-C7	OH-C8	
	Cv	At	Cv	At											
S0188 ^a	-	+	+	+	9	ND	(114) ^c	178 ^b	ND	ND	32 ^b (161) ^b	880 ^b (4822) ^b	15 ^c	176 ^b (1287) ^b	
S0202	-	+	-	+	5	ND	ND	ND	ND	ND	ND	118 ^c (1659) ^b	ND	ND	
S0203 ^a	-	+	+	+	7	ND	ND	ND	ND	ND	40 ^b (3709) ^b	964 ^b (6479) ^b	18 ^b	193 ^b (1061) ^b	
S0207	+	+	-	+	4	ND	ND	ND	ND	ND	ND	167 ^c (1807) ^b	ND	ND	
S0209 ^a	+	+	+	+	8	ND	(116) ^b	ND	ND	ND	17 ^c (342) ^b	627 ^b (4297) ^b	21 ^c	106 ^b (1747) ^b	
S0273 ^a	+	+	+	+	7	ND	ND	ND	ND	ND	28 ^b (273) ^b	896 ^b (5918) ^b	13 ^c	199 ^b (1007) ^b	
S0344	+	-	-	-	2	92 ^b (5352) ^b	ND	ND	ND	ND	(50) ^b	ND	ND	ND	
S0787	-	+	-	+	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	
S0821	+	+	+	+	6	ND	ND	ND	57 ^b (6284) ^b	ND	ND	ND	ND	ND	
S0843 ^a	+	-	+	+	2	317 ^b (11974) ^b	ND	ND	ND	ND	(94) ^b	ND	ND	ND	
S0845	+	-	-	-	1	83 ^b (5009) ^b	ND	ND	ND	ND	ND	ND	ND	ND	
S1073 ^a	-	+	-	+	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	
S1089	-	+	-	+	4	ND	ND	ND	ND	(125322) ^b	310 ^b (2279) ^b	(119) ^b	ND	ND	
S1106	+	+	-	+	4	ND	ND	ND	ND	ND	ND	140 ^c (2050) ^b	ND	ND	
S1110	+	+	-	+	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	
S1137	+	+	-	+	2	ND	ND	ND	ND	ND	ND	210 ^c (3154) ^b	ND	14 ^c (154) ^b	
S1162	-	+	-	+	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	
S1192	-	+	-	+	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	
S1194	-	+	-	-	2	ND	ND	ND	ND	ND	61 ^b (491) ^b	ND	ND	ND	
S1196	-	+	-	+	2	ND	ND	ND	ND	ND	163 ^b (1425) ^b	ND	ND	ND	
S1728	-	+	-	+	4	ND	ND	ND	ND	ND	ND	61 ^c (617) ^b	ND	ND	
S1729	-	+	+	+	7	ND	ND	ND	53 ^b (5170) ^b	ND	ND	268 ^c (2943) ^b	ND	ND	
S1730	-	+	-	+	5	ND	ND	ND	ND	ND	ND	142 ^c (2643) ^b	ND	ND	
S1732	-	+	-	+	5	ND	ND	ND	ND	ND	ND	201 ^c (2201) ^b	ND	ND	
S2605	+	-	-	+	1	ND	ND	ND	ND	ND	ND	33 ^c (369) ^b	ND	ND	
S2606 ^a	+	-	+	+	6	ND	(773) ^c	806 ^b	ND	ND	(90) ^b	961 ^b (6248) ^b	57 ^b (1663) ^b	38 ^b (285) ^b	
S2719	+	-	-	+	2	77 ^b (4578) ^c	(54) ^c	ND	ND	ND	ND	ND	ND	ND	
S2757	+	+	+	+	3	ND	(69) ^c	ND	ND	ND	ND	364 ^c (5464) ^b	ND	ND	
S3857	+	+	+	+	2	ND	52 ^c (5321) ^b	ND	(768) ^b	ND	ND	ND	ND	ND	
S4497 ^a	+	-	+	+	3	19 ^b (917) ^b	286 ^b (12817) ^b	631 ^b	ND	ND	ND	ND	ND	ND	
S4634	+	-	-	+	1	ND	ND	ND	ND	ND	ND	(148) ^b	ND	ND	
S4738 ^a	-	+	-	+	1	ND	ND	ND	ND	ND	219 ^b (2638) ^b	ND	ND	ND	
90-11-287	-	+	+	+	3	ND	ND	ND	ND	ND	ND	192 ^c (2162) ^b	ND	ND	
No of occurrences/AHL						5	7	3	3	1	11	17	5	6	

The authors would like to apologize for any inconvenience caused to the readers by these changes.

Reference

1. Rasmussen, B.B.; Nielsen, K.F.; Machado, H.; Melchiorson, J.; Gram, L.; Sonnenschein, E.C. Global and phylogenetic distribution of quorum sensing signals, acyl homoserine lactones, in the family of Vibrionaceae. *Mar. Drugs* **2014**, *12*, 5527–5546.

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