Table S1: Quantification of quorum sensing inhibitory effect of different plant extracts on violacein production at different concentrations (0.350–7.00 mg/mL). Results are expressed in percentage of violacein inhibition. Data presented as mean ± SD.

Extract	Concentration (mg/mL)							
	0.350	**0.700**	**1.75**	**2.80**	**3.85**	**4.90**	**5.95**	**7.00**
	Allium sativum							
Aqueous	47.8±1.9	44.4±3.1	40.6±1.8	72.7±1.5	72.2±1.3	72.8±0.8	68.1±2.4	78.2±2.8
Methanol	20.7±3.4	39.2±3.9	31.0±1.5	35.8±6.4	40.2±7.3	42.7±2.3	43.5±1.8	49.3±3.8
Dichloromethane	64.6±0.7	84.2±1.91	83.8±5.1	83.6±1.9	79.8±0.9	76.1±4.4	73.1±2.1	75.9±0.7
Ethyl acetate	34.2±4.4	68.1±1.4	87.5±3.3	85.5±1.8	91.6±3.0	93.3±2.3	88.5±7.5	90.2±4.3
	Apium graveolens							
Aqueous	28.5±5.1	48.6±6.2	50.7±6.0	65.7±5.3	55.3±1.2	56.4±3.6	56.4±3.6	55.7±1.4
Methanol	64.9±1.3	64.2±2.8	64.5±1.0	74.1±3.1	86.0±2.7	87.8±2.8	86.8±1.9	88.4±4.4
Dichloromethane	29.1±4.3	32.1±8.9	33.6±7.9	38.1±7.3	47.6±6.5	49.8±7.8	58.1±5.1	44.5±2.4
Ethyl acetate	20.1±2.3	48.5±3.0	68.7±4.2	70.6±6.8	75.1±5.8	80.5±4.4	75.6±5.6	74.6±4.6
	Armoracia rusticana							
Aqueous	69.3±8.9	76.5±4.5	78.5±3.3	73.9±5.8	88.4±3.5	96.8±1.4	95.6±1.1	97.2±1.6
Methanol	68.4±4.5	74.9±1.4	67.9±4.9	74.5±3.7	80.2±1.4	80.5±3.0	79.6±3.2	88.6±3.0
Dichloromethane	73.2±4.3	69.5±3.3	63.2±2.1	50.7±3.6	44.9±2.8	45.2±2.4	46.9±2.1	53.9±4.4
Ethyl acetate	54.9±2.2	55.6±2.9	55.1±2.2	69.3±2.7	56.4±3.0	50.2±0.4	55.6±4.1	51.9±4.3
	Capsicum annuum							
Aqueous	10.3±5.1	17.0±3.4	26.0±5.7	30.9±5.4	49.5±6.9	45.0±8.9	52.1±2.3	76.1±6.9
Methanol	5.57±6.38	14.4±4.6	17.9±4.4	30.7±6.3	33.6±4.4	34.7±2.3	41.8±1.0	42.7±4.1
Dichloromethane	1.03±6.61	3.15±7.09	8.42±4.47	18.7±5.0	32.3±6.8	40.3±7.4	46.2±3.8	48.7±2.7
Ethyl acetate	6.00±8.27	-2.78±6.57	-15.4±8.2	14.5±12.4	40.7±3.5	56.7±1.2	53.5±1.6	69.9±5.8
	Cinnamomun zeylanicum							
Aqueous	79.7±4.4	78.3±0.5	81.6±1.0	74.8±1.2	75.6±2.7	73.3±0.9	71.4±1.2	69.4±4.0
Methanol	55.2±2.6	52.9±0.7	20.9±1.8	32.2±6.7	43.2±0.9	44.3±3.0	43.5±2.4	41.6±9.4
Dichloromethane	67.3±5.8	74.4±10.7	42.5±4.7	70.3±5.1	72.8±5.4	69.7±1.6	72.5±5.0	59.8±4.3
Ethyl acetate	60.7±3.9	80.2±4.9	83.8±1.6	97.1±0.5	89.0±5.2	91.2±0.9	86.7±6.3	81.9±2.3
	Curcuma longa							
Aqueous	32.0±5.0	45.3±1.5	55.0±1.7	77.6±1.7	78.6±2.1	76.8±1.3	82.7±0.9	69.1±4.0
Methanol	60.2±8.2	44.6±3.1	67.2±2.2	83.9±2.2	91.3±2.0	86.3±1.2	84.1±2.5	81.0±3.7
Dichloromethane	71.9±1.5	73.4±3.1	77.0±4.1	76.4±0.8	86.0±0.3	89.8±1.7	91.6±3.2	87.1±1.9
Ethyl acetate	85.8±2.4	89.1±0.5	86.8±1.0	85.3±2.0	82.0±2.3	83.6±0.6	83.0±0.9	87.5±3.3
	Glycyrrhiza glabra							
Aqueous	87.1±7.3	76.1±0.9	84.3±0.7	85.2±4.5	84.8±3.2	84.8±3.1	75.5±1.8	91.2±4.0
Methanol	78.7±3.8	79.0±3.8	85.8±0.8	95.0±0.2	89.5±1.8	97.3±3.7	94.9±3.6	94.0±3.5
Dichloromethane	85.2±3.5	85.6±2.0	80.6±1.8	86.1±2.9	91.2±2.3	90.7±3.4	88.4±0.6	94.4±1.6
Ethyl acetate	74.1±5.5	84.8±4.5	87.0±3.9	87.75±1.36	89.69±1.36	82.7±0.6	84.7±2.2	85.6±2.4
	Mentha piperita							
Aqueous	-0.12±5.36	4.93±3.61	13.4±6.3	19.69±4.78	28.66±7.32	23.6±3.0	61.7±1.2	85.6±2.4
Methanol	47.0±5.1	57.6±4.8	64.2±2.1	79.52±2.32	81.64±4.16	83.3±4.4	87.9±1.2	95.0±4.0
Dichloromethane	53.6±4.3	60.8±1.6	46.0±1.5	64.48±4.44	73.03±3.27	75.3±6.1	68.8±1.0	68.7±3.9
Ethyl acetate	67.6±1.6	60.5±3.3	63.2±2.4	75.57±0.64	71.21±1.36	83.6±0.4	87.8±2.0	91.4±2.6
	Melissa officinalis							
Aqueous	76.1±7.3	87.2±0.9	84.3±0.7	85.2±4.5	84.8±3.2	84.8±3.1	75.5±1.8	91.2±4.0
Methanol	78.7±3.8	78.7±3.8	85.8±0.8	95.0±0.2	89.5±1.8	97.3±3.7	94.9±3.6	94.0±3.5
Dichloromethane	85.2±3.5	85.6±2.0	80.6±1.8	86.1±2.94	91.2±2.3	90.8±3.4	88.4±0.6	94.4±1.6
Ethyl acetate	74.1±5.5	84.8±4.5	87.0±3.9	87.8±1.4	89.7±1.4	82.7±0.6	84.7±2.2	85.6±2.4
	Rosmarinus officinalis							
Aqueous	82.2±2.4	80.7±5.6	61.5±0.9	78.1±1.8	89.3±5.2	88,8±3.6	84.4±4.4	81.8±3.7
Methanol	54.1±2.6	54.3±1.6	69.0±4.8	68.4±3.6	67.6±1.6	71.0±2.1	69.2±3.3	77.0±3.2
Dichloromethane	48.7±4.8	65.9±2.3	68.3±1.8	69.1±11.4	69.3±8.3	90.4±5.3	96.7±1.0	96.8±0.6
Ethyl acetate	-7.51±9.58	6.15±1.41	17.0±5.9	39.7±12.6	46.5±10.4	64.6±3.9	65.5±5.6	70.1±11.6
	Syzygium anisatum							
Aqueous	7.57±1.64	1.27±0.27	17.2±2.4	33.9±4.3	35.7±4.7	24.7±2.1	23.0±2.6	24.1±1.3
Methanol	53.5±1.2	58.8±10.9	55.9±5.53	67.1±9.0	68.8±4.3	71.6±4.3	81.7±1.2	87.5±3.5
Dichloromethane	31.3±3.8	28.5±8.5	38.1±3.1	51.0±6.1	57.5±4.7	58.5±0.8	65.5±1.5	87.0±2.8
Ethyl acetate	58.7±3.1	61.1±2.3	63.7±1.7	66.3±3.4	72.1±2.1	79.2±7.7	83.2±2.0	84.1±4.6

				Syzygium aromaticum				
Aqueous	64.3±3.3	85.0±0.7	86.2±1.2	84.7±2.1	88.6±2.7	92.1±0.4	88.4±1.0	88.7±2.3
Methanol	49.1±3.5	54.1±9.6	58.8±7.0	69.6±5.7	71.9±6.4	73.3±1.1	79.4±4.2	84.8±4.1
Dichloromethane	-11.6±3.9	26.2±6.9	35.3±4.5	35.5±1.5	44.4±5.1	47.5±3.9	57.6±2.2	65.3±3.2
Ethyl acetate	7.27±2.11	11.2±0.8	21.6±7.3	38.4±2.4	68.1±4.3	68.1±4.1	85.45±1.00	91.8±1.6
				Thymus vulgaris				
Aqueous	47.5±8.8	65.4±8.7	50.2±6.2	71.2±7.7	75.7±5.6	89.5±4.3	89.15±4.99	90.5±1.4
Methanol	51.8±6.7	50.5±0.8	69.9±1.1	86.9±1.9	91.7±3.58	92.4±4.1	88.64±2.44	94.5±4.8
Dichloromethane	60.7±3.2	71.8±3.4	82.7±0.9	81.7±4.2	80.61±2.65	86.7±1.3	82.67±0.82	87.4±3.4
Ethyl acetate	19.0±9.3	18.4±4.3	21.3±2.1	25.0±3.7	33.94±4.75	36.4±6.2	47.21±3.05	66.8±8.5
				Zingiber officinale				
Aqueous	67.3±2,3	73.5±4.6	73.8±3.8	79.4±3.1	78.6±3.2	78.8±3.1	80.7±2.9	85.7±2.0
Methanol	12.4±5.1	16.1±5.5	18.4±10.9	20.2±0.0	22.0±0.5	21.0±4.6	20.5-±10.7	27.3±1.3
Dichloromethane	60.2±4.1	64.8±4.7	65.9±1.6	72.0±1.9	74.5±1.1	76.7±3.9	80.5±0.8	82.1±2.4
Ethyl acetate	75.0±6.10	71.8±3.5	75.1±5.9	77.0±5.4	77.9±4.3	78.7±2.2	81.5±2.9	86.8±1.0

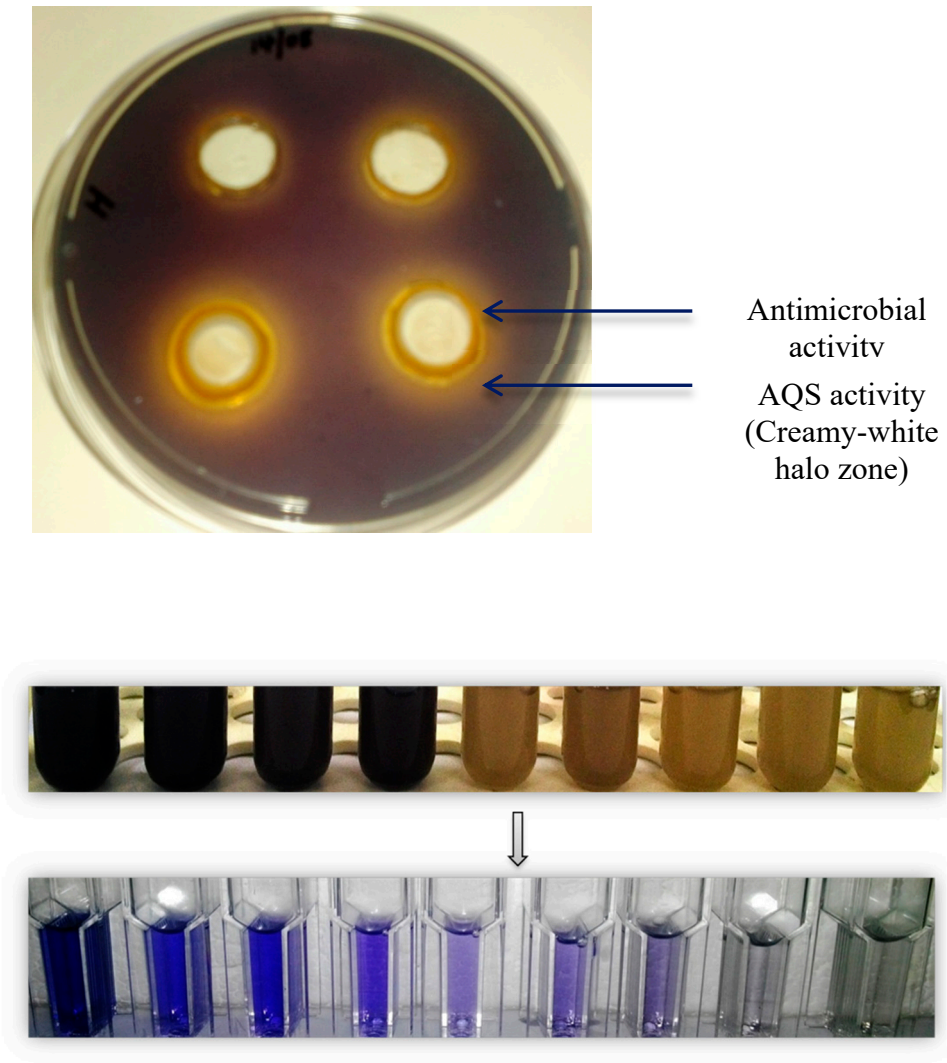

Fig. **S1:** Representation of the agar well diffusion assay used to screen various plant extracts against *Chromobacterium violaceum* ATCC 12472. The upper image indicates both the antibacterial activity (clear zones) and quorum sensing inhibition (halo zones). Quantification of inhibition of violacein production (lower image), following exposure of the bacterium to increasing concentrations of extracts. A concentration-dependent inhibitory effect of *Apium graveolens* ethyl acetate extract is evident.