

Supplementary Materials

Cliona varians-derived actinomycetes as bioresources of photoprotective-related bioactive end-products

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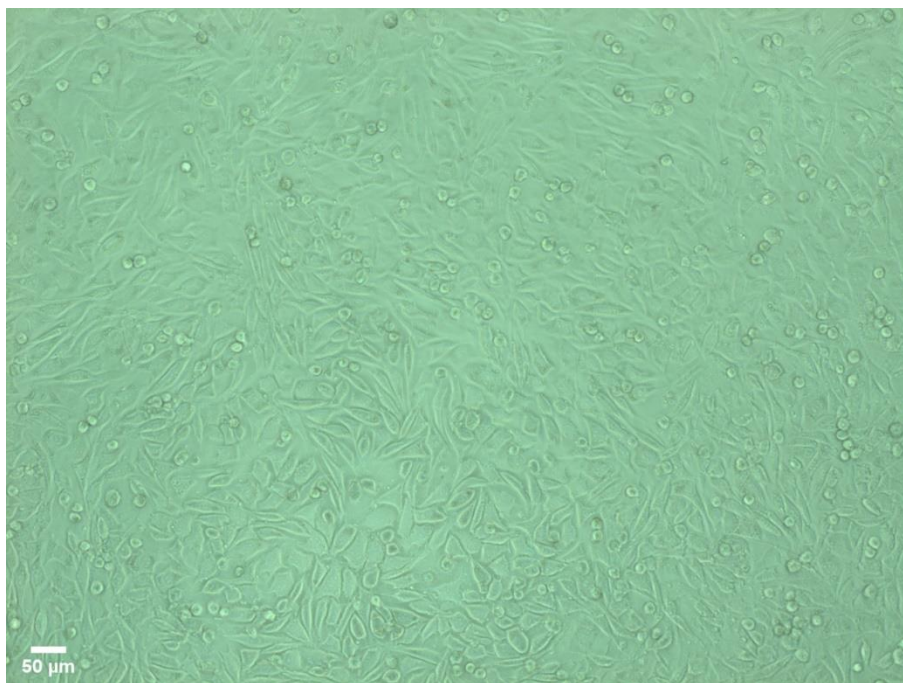


Figure S1. Micrograph of HDfA cells exposed to G1225 (500 µg/mL) during 24 h.

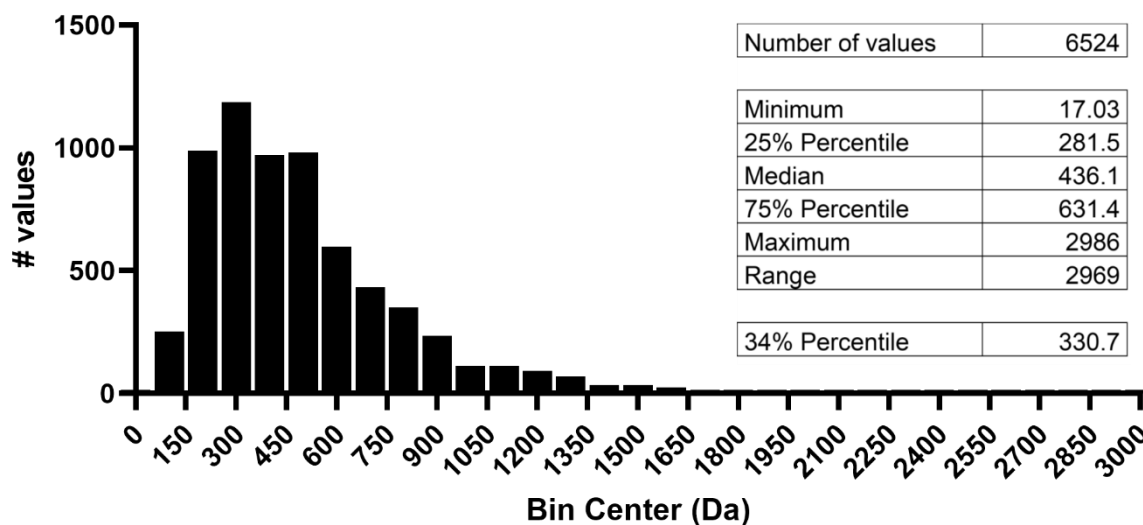


Figure S2. Distribution of Streptomyces-derived metabolite masses.

Table S1. Identified actinomycetes strains.

No.	End-products code	Strain name
1	G1225	<i>Streptomyces</i> sp. CLIVUS-G1225
2	G1228	<i>Streptomyces</i> sp. CLIVUS-G1228
3	G6211	<i>Streptomyces</i> sp. CLIVUS-G6211
4	G6210	<i>Streptomyces</i> sp. CLIVUS-G6210
5	G11126	<i>Streptomyces</i> sp. CLIVUS-G11126
6	G1115	<i>Gordonia</i> sp. CLIVUS-G1115
7	G11122	<i>Streptomyces</i> sp. CLIVUS-G11122
8	G12218	<i>Promicromonospora</i> sp. CLIVUS-G12218
9	G11117	<i>Micrococcus</i> sp. CLIVUS-G11117
10	G11128	<i>Micrococcus</i> sp. CLIVUS-G11128

Table S2. Triangle area of the radar chart shown in the Figure 8.

Actinomycete strain	Triangle area
<i>Streptomyces</i> sp. CLIVUS-G1225	5542.19
<i>Streptomyces</i> sp. CLIVUS-G1228	4162.70
<i>Streptomyces</i> sp. CLIVUS-G6211	4112.90
<i>Streptomyces</i> sp. CLIVUS-G6210	4024.27
<i>Streptomyces</i> sp. CLIVUS-G11126	3302.97
<i>Gordonia</i> sp. CLIVUS-G1115	2280.98
<i>Streptomyces</i> sp. CLIVUS-G11122	1420.40
<i>Promicromonospora</i> sp. CLIVUS-G12218	1154.17
<i>Micrococcus</i> sp. CLIVUS-G11117	959.89
<i>Micrococcus</i> sp. CLIVUS-G11128	908.50

Table S3. Media composition.

Item	Glucose Yeast Media (GYM)	Zobell Marine Medium (Zoberll, ¼ strength)
D-Glucose	4	N/A
Yeast Extract	4	1.25
Malt Extract	10	N/A
NaCl	24	18
MgCl ₂	5.3	2
KCl	0.7	0.525
CaCl ₂	0.1	0.075
Agar	15	15
Peptone	N/A	3.75

The values are given in grams (g) per liter of medium.