

Mass spectrometry-based metabolomics of agave sap after its inoculation with microorganisms isolated from agave sap concentrate selected to enhance anticancer activity.

Luis M. Figueroa ¹, Liliana Santos-Zea ¹, Adelfo Escalante ² and Janet A. Gutiérrez-Urbe ^{1,*}

¹ Tecnológico de Monterrey, Escuela de Ingeniería y Ciencias, Ave. Eugenio Garza Sada 2501, Col. Tecnológico, 64849, Monterrey, N.L., Mexico; luisfigueroa8605@gmail.com (L.M.F.); lilianasantos@itesm.mx (L.S.Z.)

² Departamento de Ingeniería Celular y Biotecnología, Instituto de Biotecnología, Universidad Nacional Autónoma de México (UNAM), Av. Universidad 2001, Col. Chamilpa, 62210 Cuernavaca, Mor., Mexico; adelfo@ibt.unam.mx

* Correspondence: jagu@itesm.mx; Tel.: +52-81-8358-2000 (ext. 1802)

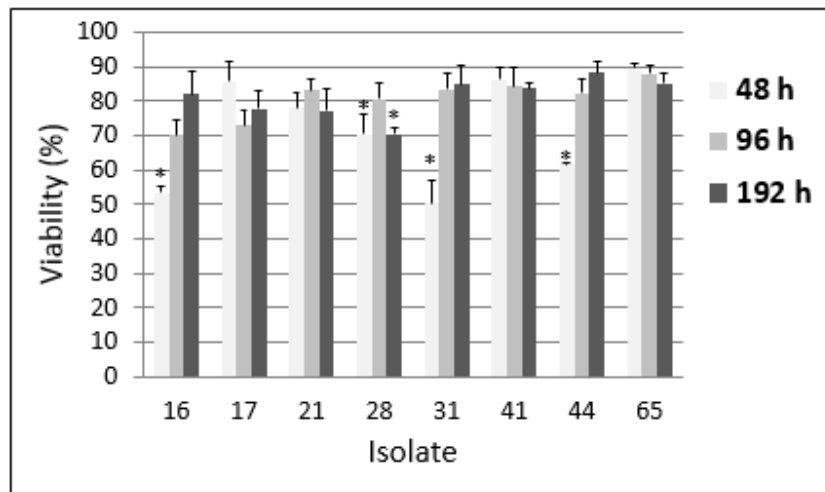


Figure S1. Viability of colon cancer cells (Caco-2) after treatment with extracts obtained after 48 h, 96h, or 192 hours (h) of fermentation with isolates (50 µg/mL). * extracts with the best bioactivity

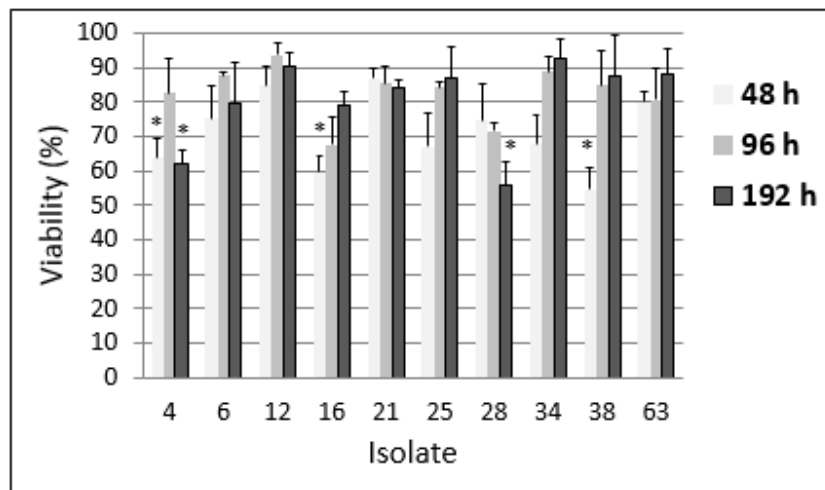


Figure S2. Viability of liver cancer cells (Hep-G2) after treatment with extracts obtained after 48 h, 96 h, or 192 hours (h) of fermentation with isolates (50 µg/mL). * extracts with the best bioactivity