

**Table S8. Mutational load and signature exposure in cells treated with bracken fern extract from ethyl acetate extraction**

<b>Exposure dose (µg/mL)</b>	<b>Length of exposure (days)</b>	<b>Total number of mutations</b>	<b>Signature BFE-A exposure (% of total mutations)</b>	<b>Signature BFE-B exposure (% of total mutations)</b>
<b>IC<sub>20</sub></b>				
49.1	3	1304	58.0	42.0
14.6	7	880	21.0	79.0
4.6	10	824	9.8	90.2
5.6	14	1151	11.4	88.6
<b>IC<sub>50</sub></b>				
34.1	7	1389	55.9	44.1
12.9	10	1039	22.5	77.5
13.1	14	1205	23.6	76.4

The proportion of activity (exposure) of each signature, BFE-A and BFE-B, is shown, along with the total number of mutations. Mutation counts have been corrected to account for the number of sites considered. Varying doses were used for each time point (see Methods). Signature BFE-A has similarity to bovine Signature BF-A.