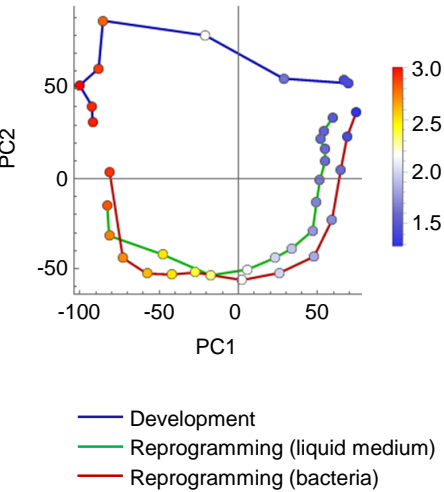


A



B

GO biological process complete	FC	p-value
regulation of cell-cell adhesion	9.91	0.00072
sorocarp stalk cell differentiation	6.11	1.5·10 <sup>-5</sup>
exogenous drug catabolic process	6.03	0.00004
sorocarp spore cell differentiation	5.71	0.00076
xenobiotic metabolic process	5.45	3.5·10 <sup>-5</sup>
cAMP-mediated signaling	5	0.00031
sporulation resulting in formation of a cellular spore	4.63	3.3·10 <sup>-9</sup>
negative regulation of hydrolase activity	4.31	0.00075
phototaxis	4.27	0.00153
response to antineoplastic agent	4.27	0.00153
activation of GTPase activity	4.2	6.6·10 <sup>-5</sup>
autophagosome organization	4.16	0.00091
response to differentiation-inducing factor 1	3.78	0.00160
protein phosphorylation	2.45	2.3·10 <sup>-8</sup>
regulation of protein kinase activity	2.46	0.00065
protein dephosphorylation	3.18	4.3·10 <sup>-5</sup>
sorocarp morphogenesis	3.12	3.4·10 <sup>-5</sup>
regulation of small GTPase mediated signal transduction	2.94	0.00016
aggregation involved in sorocarp development	2.84	7·10 <sup>-6</sup>
cell adhesion	2.69	0.00041
chemotaxis to cAMP	2.66	0.00046
regulation of multi-organism process	2.38	0.00161
protein ubiquitination	2.13	0.00076
ubiquitin-dependent protein catabolic process	2	0.00139