

Spatial Proteomics Reveals Alcohol-Induced Damages to the Crypts and Villi of the Mouse Small Intestine

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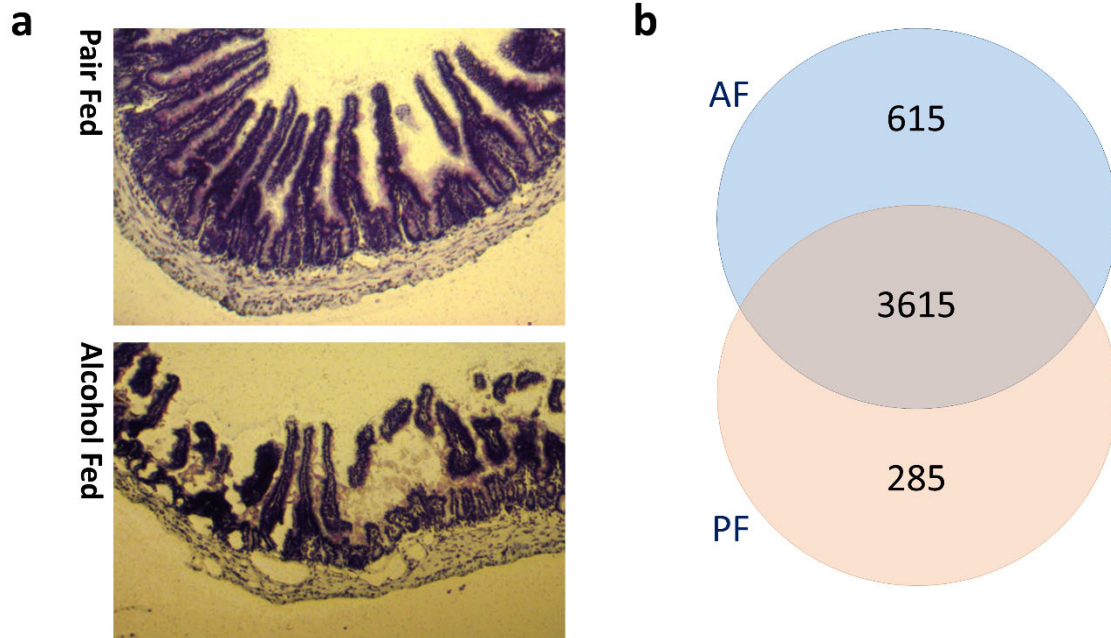
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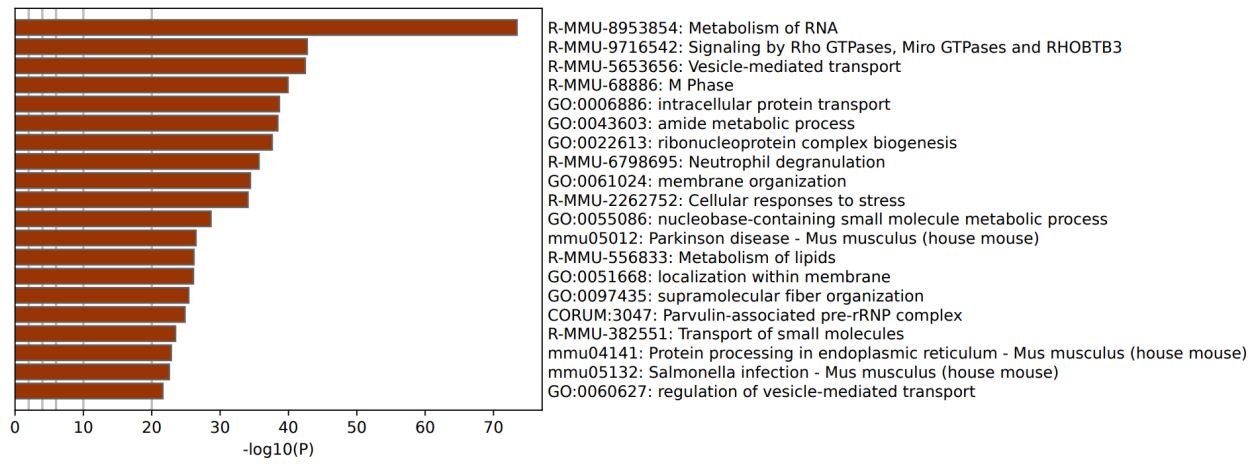
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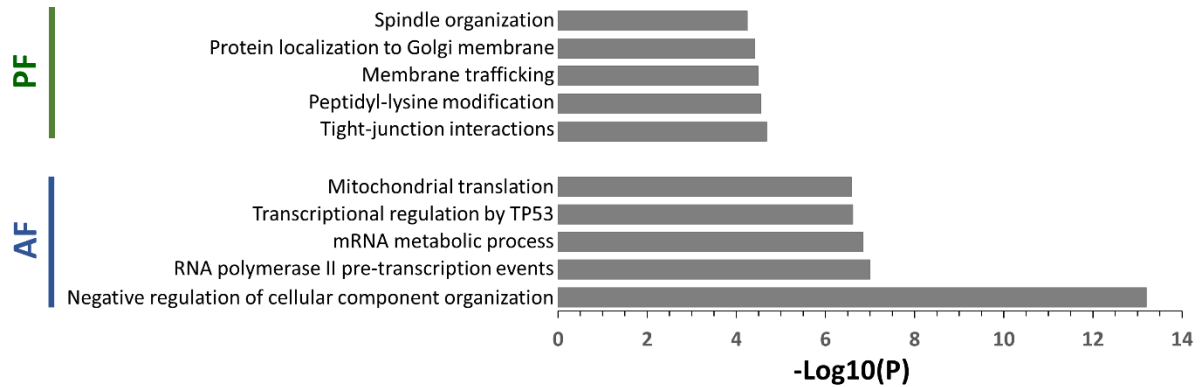
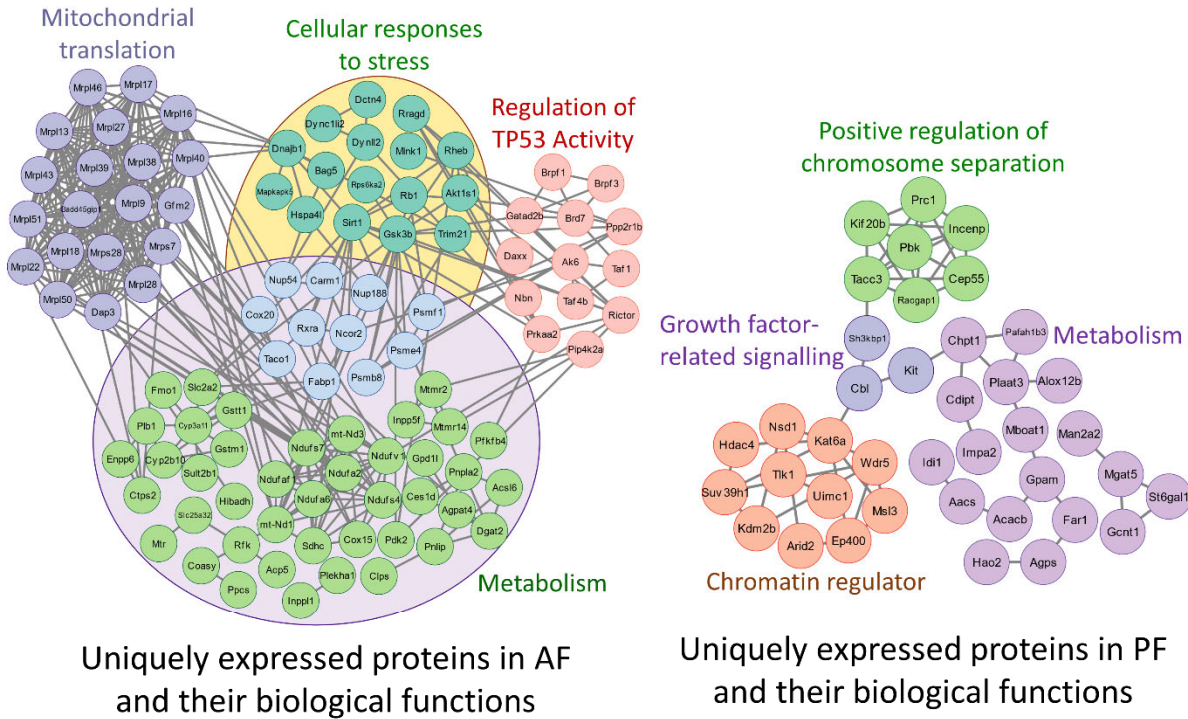
Supplementary Figure S1. (a) The effects of alcohol on the integrity of intestinal tissues. Villi regions are damaged in alcohol-fed (alcohol-treated) mice. (b) Number of identified proteins from each group (AF and PF, equivalent to 3000 cells). DIA-NN was used to process the DIA datasets.



Supplementary Figure S2. The functions of commonly identified proteins in AF and PF.



Supplementary Figure S3. Protein-protein interaction network of uniquely expressed proteins in AF and PF samples. Top five biological processes from functional enrichment analysis of the uniquely expressed proteins in AF and PF samples.



Supplementary Table S1: Number of identified proteins in crypts and villi of AF and PF mice.

Mouse	AF (Treatment)		Mouse	PF (Control)	
	Crypts	Villi		Crypts	Villi
	No. of proteins	No. of proteins		No. of proteins	No. of proteins
1	3622	3957	1	3875	3381
2	2644	4031	2	3498	3644
3	3152	3738	3	3798	3758
4	3065	3833	4	2993	2999
5	3240	3420	5	3636	3448
6	2530	3381	6	2801	3863
7	3527	3293	7	3021	3688
8	4070	3902			
9	4085	3709			