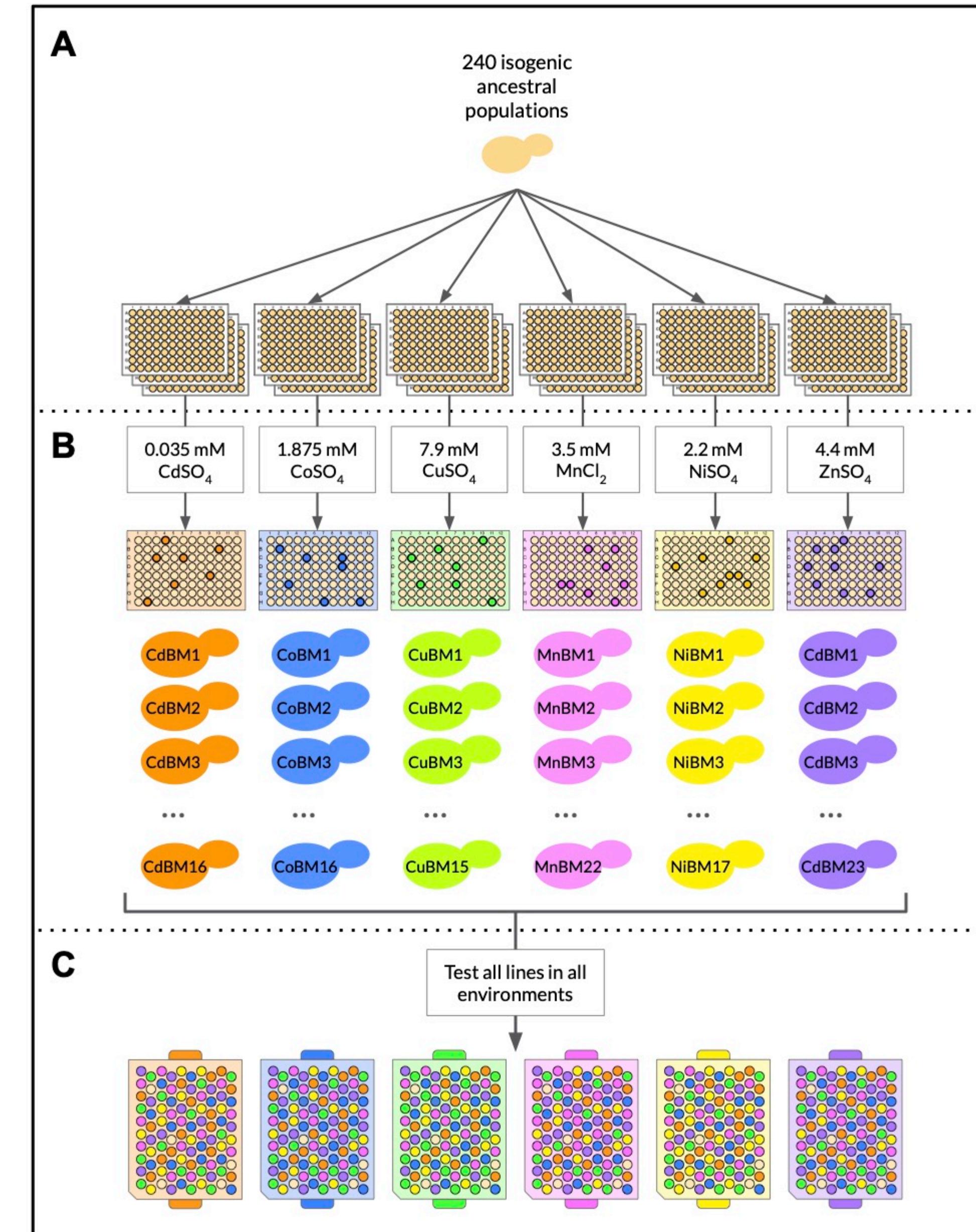
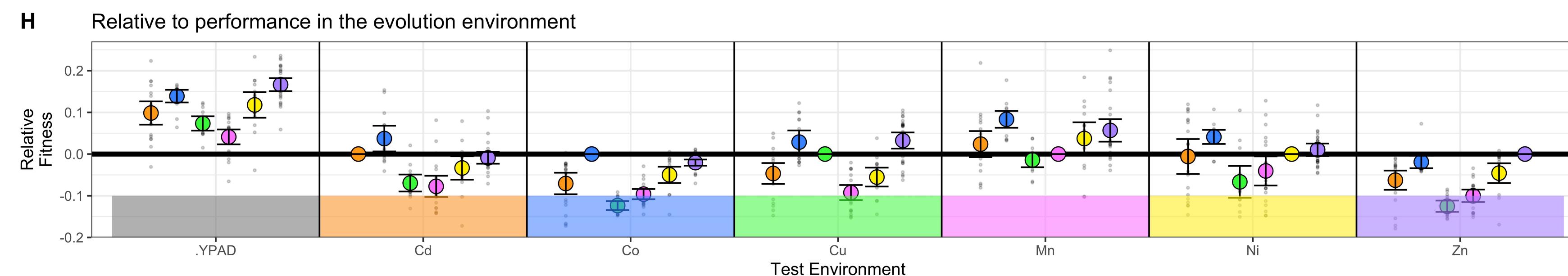
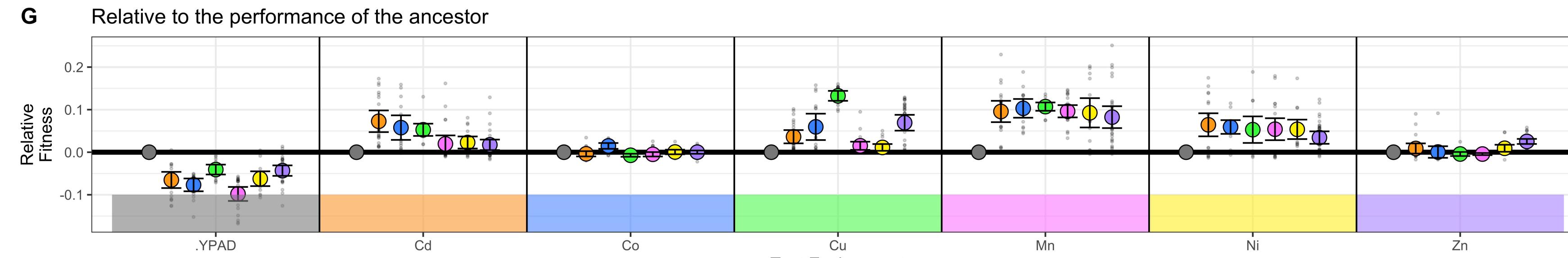
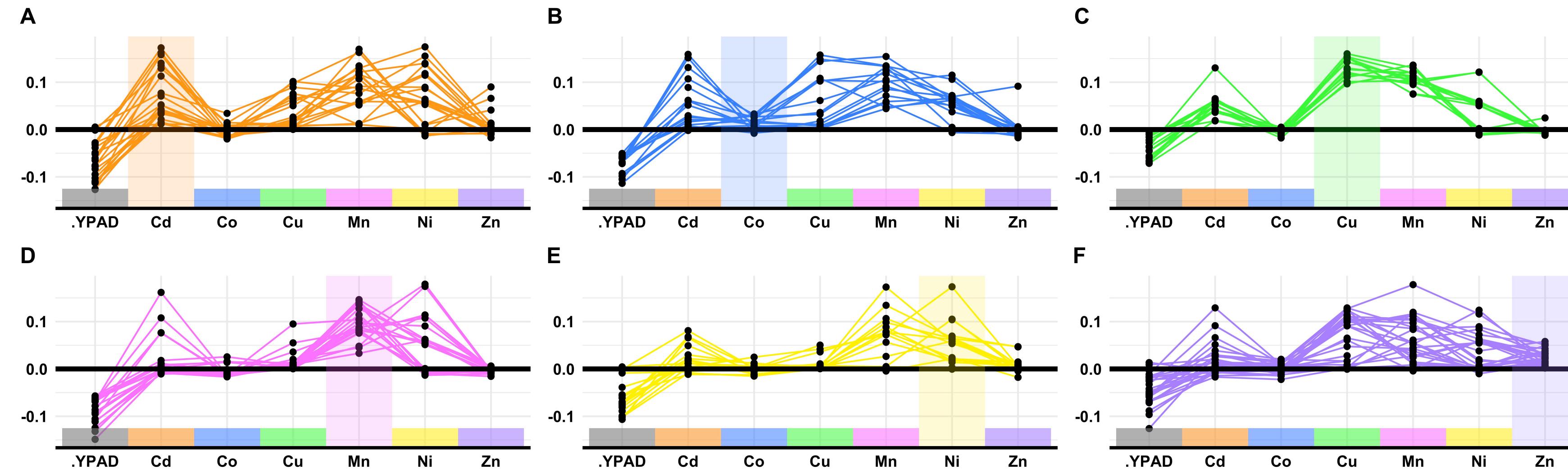
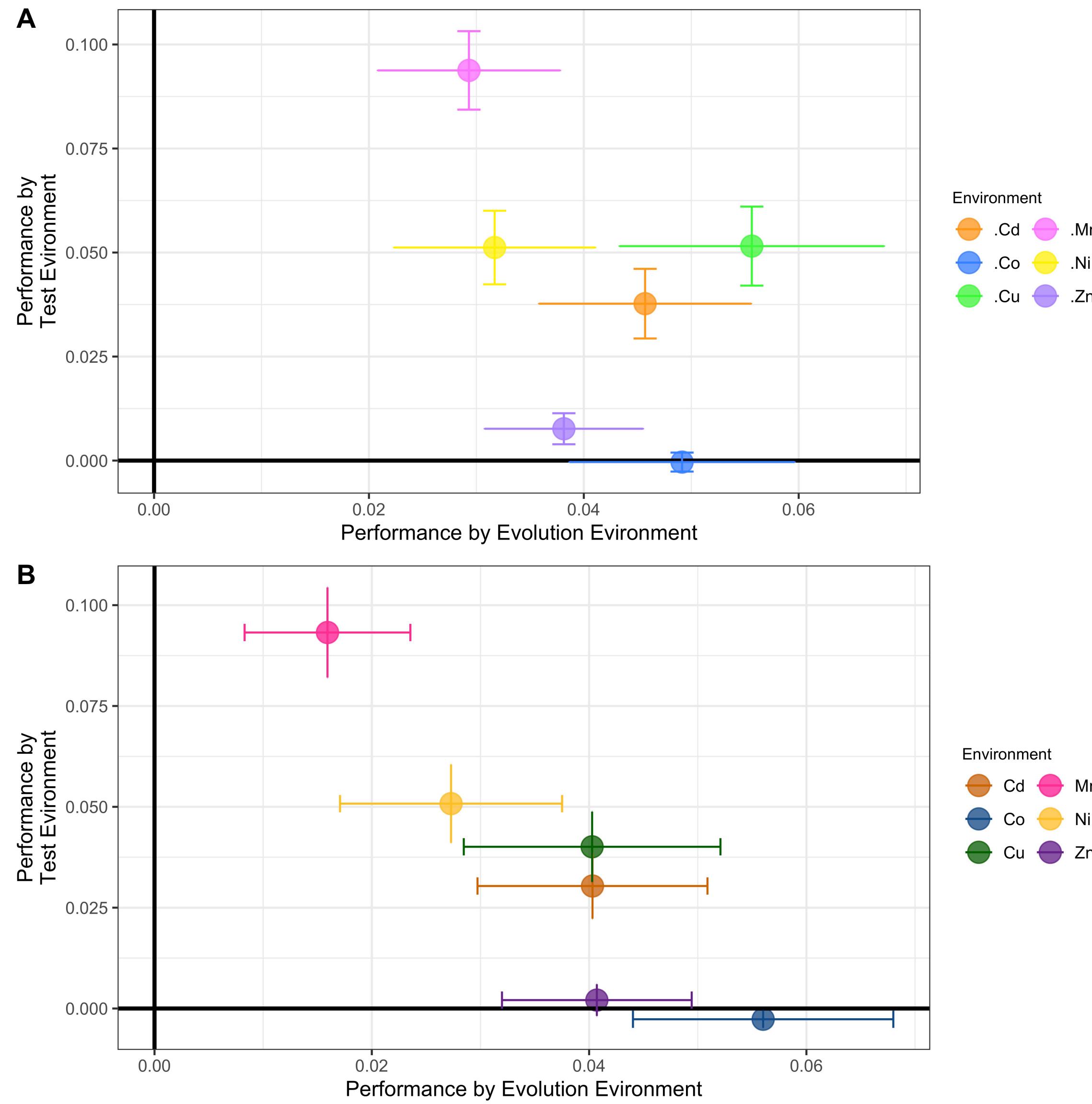


**Fig 1**

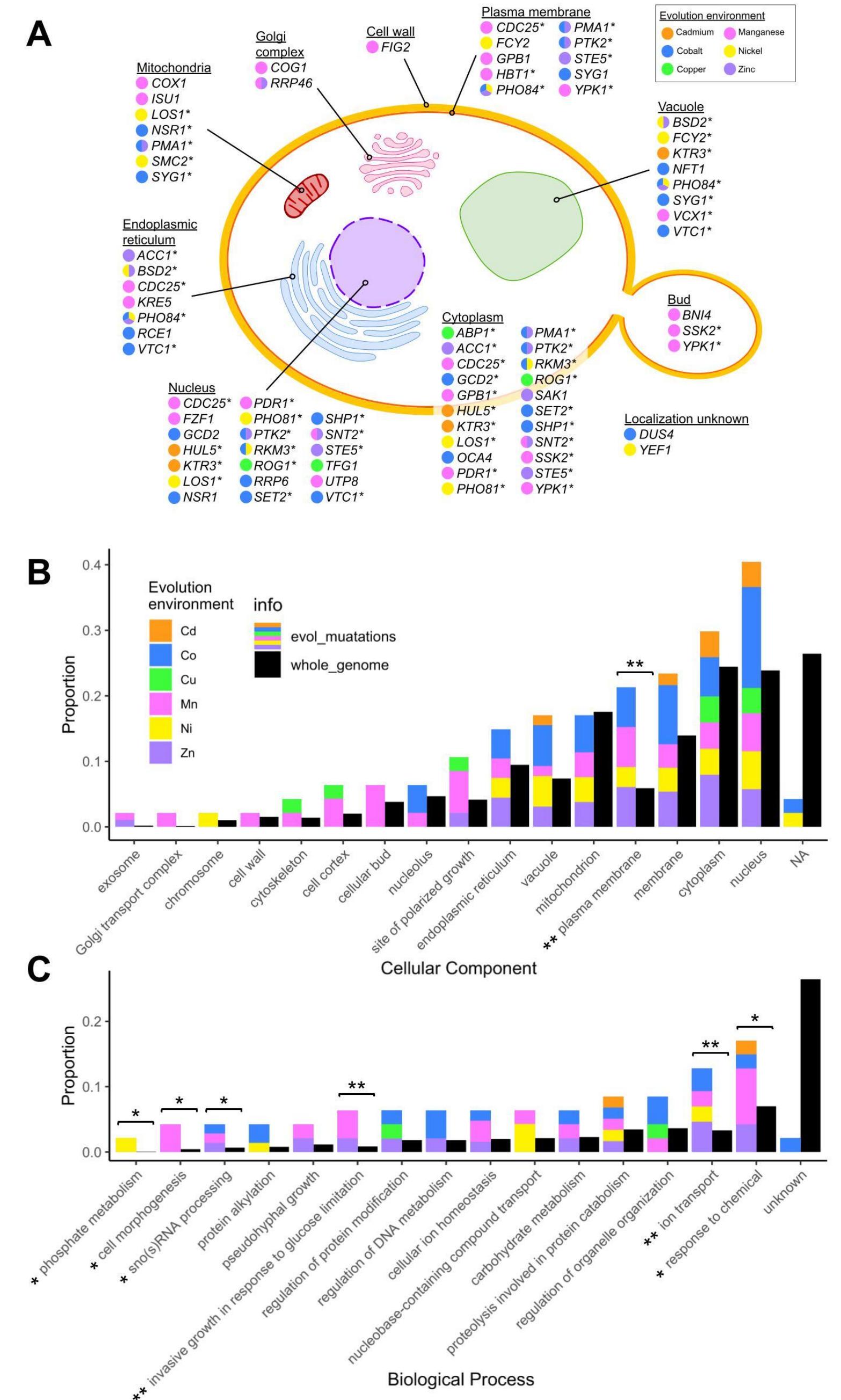


**Fig 2**

**Fig 3**



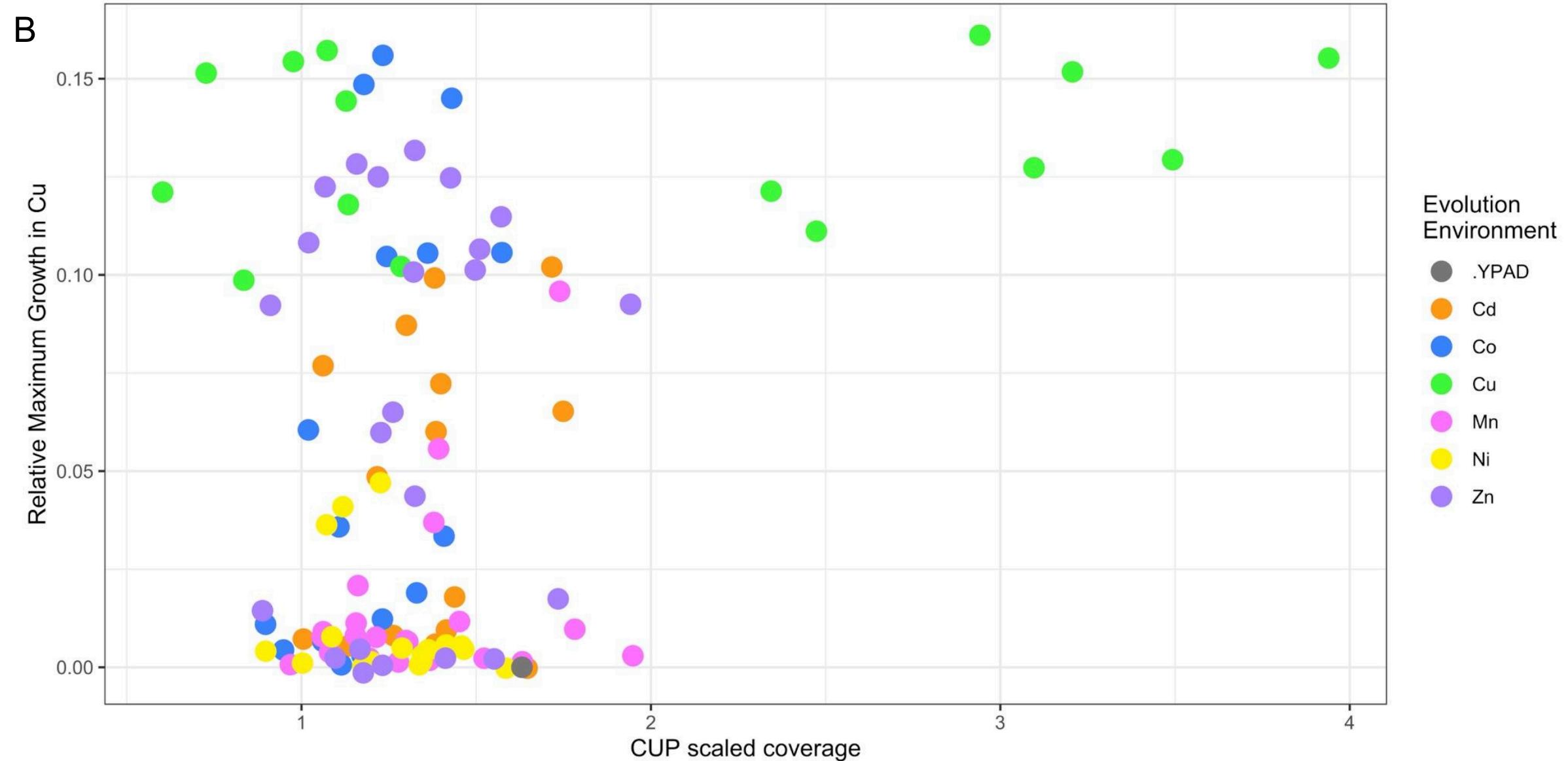
**Fig 4**

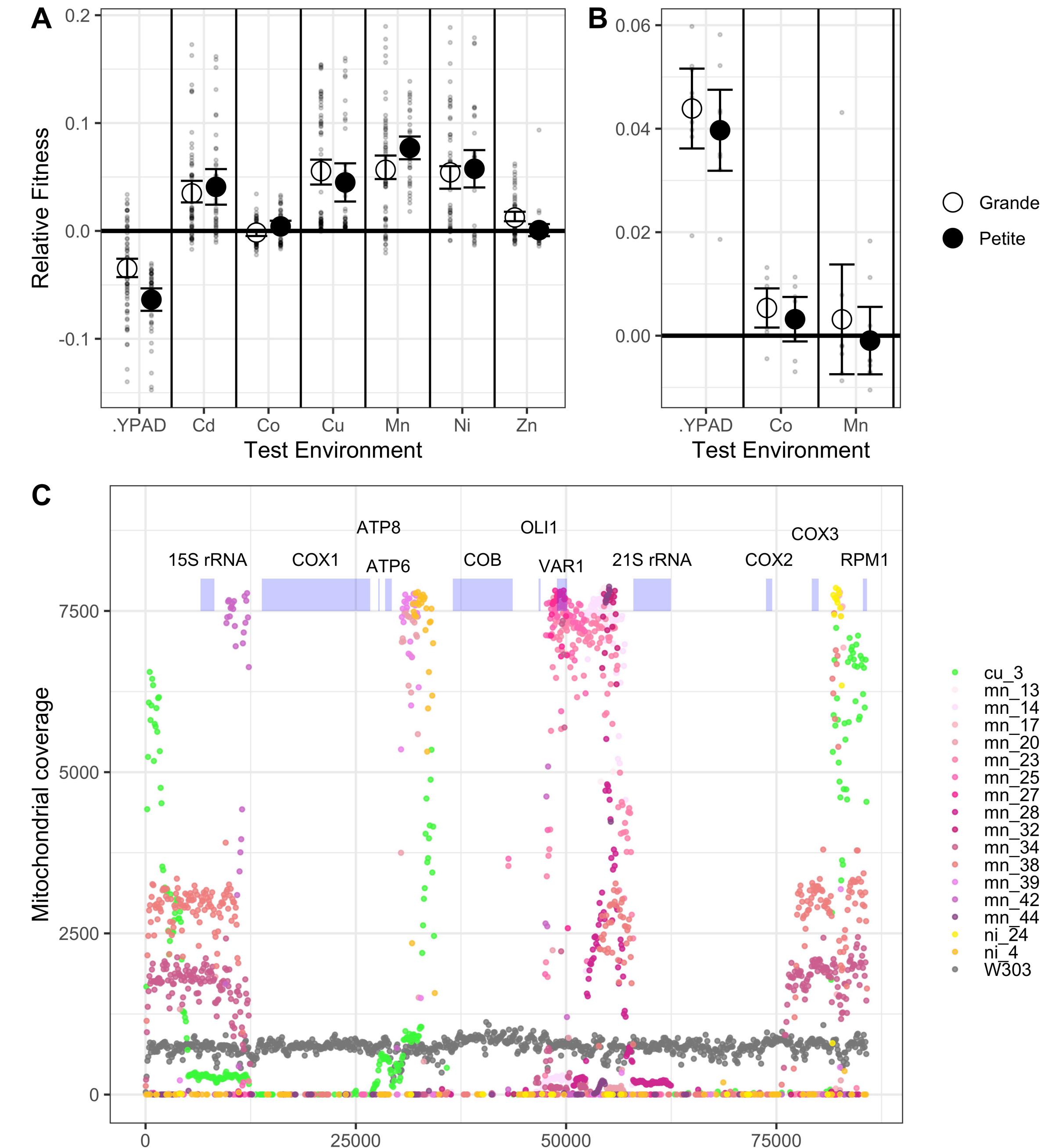


**Fig 5**

A

	Chromosome	W303	Cd.37	Cd.39	Cd.44	Cd.45	Co.2	Mn.14	Mn.39	Ni.6	Ni.8	Ni.12	Ni.14	Ni.16	Ni.29	Zn.19	Zn.23	Zn.29	Zn.38	Zn.39	Zn.41	Zn.43	Zn.44	Zn.47
I	1	1.0	1.0	1.0	1.4	0.9	1.1	1.6	1.7	1.0	0.9	0.9	0.9	0.9	1.0	1.8	1.1	1.4	1.2	1.2	1.0	1.2	2.2	0.6
II	1	1.7	1.7	1.6	1.0	1.0	1.0	1.8	0.9	1.0	0.9	0.9	0.9	0.9	1.0	2.0	1.0	1.9	2.0	1.0	1.0	1.0	1.0	0.4
III	1	1.7	1.0	1.0	1.3	0.9	1.1	0.8	0.9	1.0	0.9	0.9	0.9	0.9	1.0	1.3	1.1	1.1	0.9	1.1	1.1	0.9	1.1	0.4
IV	1	1.6	1.6	1.0	0.9	1.0	0.9	0.9	0.9	1.0	1.0	0.9	0.9	0.9	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.4
V	1	0.9	0.9	1.0	1.1	1.0	1.0	1.7	0.9	1.0	0.9	0.9	0.9	0.9	1.0	0.9	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.8
VI	1	1.1	1.0	1.0	1.4	0.9	1.1	0.8	0.9	1.0	0.9	0.9	0.9	0.9	1.0	1.1	1.4	1.2	1.1	1.0	1.2	1.1	1.1	0.6
VII	1	0.8	0.9	1.0	1.0	1.0	1.0	1.0	0.9	1.8	1.0	0.9	0.9	0.9	1.0	1.0	0.9	0.9	0.9	1.0	0.9	1.0	1.0	0.8
VIII	1	0.8	0.9	1.0	1.1	1.0	1.0	1.0	0.9	0.9	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.8
IX	1	0.8	0.9	1.2	1.2	0.9	1.0	0.9	0.9	1.0	0.9	0.9	1.0	0.9	1.0	1.2	1.1	1.1	1.0	1.1	1.1	1.1	0.8	
X	1	0.8	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.6	
XI	1	0.8	0.9	1.0	1.1	1.0	2.0	0.9	0.9	1.0	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	
XII	1	0.8	0.8	0.7	0.9	0.8	0.8	0.9	0.9	0.7	0.7	0.7	0.7	0.7	1.1	0.7	0.8	0.8	0.9	0.7	0.8	1.0		
XIII	1	0.8	0.9	1.0	1.0	1.9	1.0	0.9	0.9	1.9	1.8	1.8	1.8	1.8	1.8	1.0	1.0	1.8	1.0	1.0	1.9	1.9	1.0	1.6
XIV	1	0.8	0.9	1.1	1.0	1.0	1.0	0.9	0.9	1.8	1.0	1.8	1.8	1.8	1.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8
XV	1	0.8	0.8	1.0	1.0	1.0	1.0	0.9	0.9	1.0	1.0	0.9	0.9	0.9	1.0	1.0	0.9	0.9	0.9	1.0	0.9	1.0	0.8	
XVI	1	0.8	0.9	1.1	1.0	1.0	1.0	0.9	0.9	1.0	1.0	0.9	0.9	0.9	1.0	1.0	0.9	0.9	1.0	1.0	1.0	1.0	0.8	



**Fig 6**

**Fig 7**