Electronic Supplementary Material (ESI) for Metallomics.
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					Prediction methods are reported from the most reliable to the less reliable (from left to right)		
			Method 1		Method 2	Method 3	Method 4
	Uniprot ID	Confidence level	Fe-binding pdb_chain	Sequence Id with a Fe-binding pdb_chain	Contains a Fe-binding domain with conserved ligands level	Contains a known iron-binding site	Contains a Fe-binding domain with unknown ligands
1	GLRX5_HUMAN	A 3D structure of the human protein in the iron-bound form is available	2wul_A	100			
2	XDH_HUMAN	A 3D structure of the human protein in the iron-bound form is available	2ckj_A	100			
3	AOXA_HUMAN	A 3D structure of the human protein in the iron-bound form is available	4uhw_A	100			
4	ADX_HUMAN	A 3D structure of the human protein in the iron-bound form is available	3p1m_A	100			
5	CISD1_HUMAN	A 3D structure of the human protein in the iron-bound form is available	2qd0_A	100			
6	MUTYH_HUMAN	A 3D structure of the human protein in the iron-bound form is available	3n5n_X	100			
7	PRI2_HUMAN	A 3D structure of the human protein in the iron-bound form is available	4rr2_D	100			
8	ACOC_HUMAN	A 3D structure of the human protein in the iron-bound form is available	2b3x_A	100			
9	FDX2_HUMAN	A 3D structure of the human protein in the iron-bound form is available	2y5c_A	99			
10	HEMH_HUMAN	A 3D structure of the human protein in the iron-bound form is available	3w1w_A	99			
11	CISD2_HUMAN	A 3D structure of the human protein in the iron-bound form is available	3fnv_A	97			
12	ACON_HUMAN	A 3D structure of a close homolog (sequence identity ≥ 50%) of the human protein in the iron-bound form is available	1b0j_A	96			
13	NDUS2_HUMAN	A 3D structure of a close homolog (sequence identity ≥ 50%) of the human protein in the iron-bound form is available	5gpn_Z	95			
14	GABT_HUMAN	A 3D structure of a close homolog (sequence identity ≥ 50%) of the human protein in the iron-bound form is available	1ohv_A	95			
15	ETFD_HUMAN	A 3D structure of a close homolog (sequence identity ≥ 50%) of the human protein in the iron-bound form is available	2gmh_A	95			
16	SDHB_HUMAN	A 3D structure of a close homolog (sequence identity ≥ 50%) of the human protein in the iron-bound form is available	4ytp_B	95			
17	GLRX2_HUMAN	A 3D structure of a close homolog (sequence identity ≥ 50%) of the human protein in the iron-bound form is available	2ht9_A	93			
18	DPYD_HUMAN	A 3D structure of a close homolog (sequence identity ≥ 50%) of the human protein in the iron-bound form is available	1gt8_A	92			
19	UCRI_HUMAN	A 3D structure of a close homolog (sequence identity ≥ 50%) of the human protein in the iron-bound form is available	4d6u_R	90			
20	UCRIL_HUMAN	A 3D structure of a close homolog (sequence identity ≥ 50%) of the human protein in the iron-bound form is available	4d6u_R	89			
21	RFESD_HUMAN	A 3D structure of a close homolog (sequence identity ≥ 50%) of the human protein in the iron-bound form is available	3d89_A	88			
22	DNA2_HUMAN	A 3D structure of a close homolog (sequence identity ≥ 50%) of the human protein in the iron-bound form is available	5eaw_A	80			
23	ABCE1_HUMAN	A 3D structure of a close homolog (sequence identity ≥ 50%) of the human protein in the iron-bound form is available	3j16_B	68			
24	NDUS7_HUMAN	A 3D structure of a close homolog (sequence identity ≥ 50%) of the human protein in the iron-bound form is available	2fug_6	55			
25	IREB2_HUMAN	A 3D structure of a close homolog (sequence identity ≥ 50%) of the human protein in the iron-bound form is available	2b3x_A	53			
26	CISD3_HUMAN	A 3D structure of a close homolog (sequence identity ≥ 50%) of the human protein in the iron-bound form is available	3tbn_A	52			
27	ISCU_HUMAN	A 3D structure of a close homolog (sequence identity ≥ 50%) of the human protein in the iron-bound form is available	4eb5_C	50			
28	CDKAL_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			UPF0004 (C73-C109-C138); Radical_SAM (C214-C218-C221)		
29	CK5P1_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			UPF0004 (C109-C145-C183); Radical_SAM (C258-C262-C265)		

30	AIFM3_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			Rieske (C109-H111-C128-H131)		
31	RSAD2_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			Radical_SAM (C83-C87-C90)		
32	MOCS1_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			Radical_SAM (C80-C84-C87); Mob_synth_C (C312-C315-C329)		
33	RSAD1_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			Radical_SAM (C49-C53-C56)		
34	TYW1B_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			Radical_SAM (C352-C356-C359)		
35	LIAS_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			LIAS_N(C106-C111-C117), Radical_SAM (C137-C141-C144)		
36	ELP3_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			Radical_SAM (C99-C109-C112)		
37	NDUV1_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			NADH_4Fe-4S (C379-C382-C385-C425)		
38	GLRX3_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			Glutaredoxin (C159; C261)		
39	NDUS8_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			Fer4_7 (C121-C150-C153-C156; C111-C114-C117-C160)		
40	NDUS1_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			Fer2_4 (C64-C75-C78-C92); NADH-G_4Fe-4S_3(H124-C128-C131-C137)	C176-C179-C182-C226	
41	NARFL_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			Fe_hyd_lg_C (C190-C246-C395-C399)	C24-C71-C74-C77	
42	NARF_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			Fe_hyd_lg_C (C172-C228-C374-C378)		
43	FANCJ_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			DEAD_2 (C283-C298-C310-C350)		
44	RTEL1_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			DEAD_2 (C145-C163-C172-C207)		
45	ERCC2_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			DEAD_2 (C116-C134-C155-C190)		
46	NFS1_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			Aminotran_5 (C381)		
47	NDUV2_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			2Fe-2S_thioredx (C135-C140-C176-C180)		
48	ISCA2_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			Fe-S_biosyn (C79-C144-C146)		
49	ISCA1_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			Fe-S_biosyn (C57-C121-C123)		
50	DPH1_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			Diphthamide_syn (C115-C219-C347)		
51	DDX12_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			DEAD_2 (C286-C304-C334-C369)		
52	DDX11_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			DEAD_2 (C267-C285-C315-C350)		
53	DPH2_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			Diphthamide_syn (C88-C341)		
54	DPOLA_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			zf-DNA_Pol (C1348-C1353-C1371-C1374)		
55	NUBP2_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			ParA (C196-C199)		
56	NUBP1_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			ParA (C235-C238)	C8-C22-C25-C31	
57	NUBPL_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			ParA (C244-C247)		
58	GRCR1_HUMAN	The predicted protein contains an iron-binding Pfam domain with a conserved MBP			Glutaredoxin (C156)		
59	NTH_HUMAN	The predicted protein contains a conserved MBP (based on local search)				C290-C297-C300-C306	
60	PUR1_HUMAN	The predicted protein contains a conserved MBP (based on local search)				C280-C426-C503-C506	
61	CPIN1_HUMAN	The predicted protein contains a conserved MBP (based on local search)				C237-C246-C249-C251	
62	NFU1_HUMAN	The predicted protein contains a conserved MBP (based on local search)				C210-C213	
63	REV3L_HUMAN	The predicted protein contains a conserved MBP (based on local search)				C1348-C1353-C1371-C1374	
64	DPOD1_HUMAN	The predicted protein contains a conserved MBP (based on local search)				C1058-C1061-C1071-C1076	
65	DPOE1_HUMAN	The predicted protein contains a conserved MBP (based on local search)				C2221-C2224-C2236-C2238	
66	BOLA3_HUMAN	The predicted protein contains an iron-binding Pfam domain, but the occurrence of the MBP cannot be verified due to the lack of a 3D structure for that domain family					BolA
67	BOLA2_HUMAN	The predicted protein contains an iron-binding Pfam domain, but the occurrence of the MBP cannot be verified due to the lack of a 3D structure for that domain family					BolA
68	BOLA1_HUMAN	The predicted protein contains an iron-binding Pfam domain, but the occurrence of the MBP cannot be verified due to the lack of a 3D structure for that domain family					BolA
69	ABCB7_HUMAN	Annotated as ironsulfur-binding in Uniprot					
70	CMAH_HUMAN	Annotated as ironsulfur-binding in Uniprot					