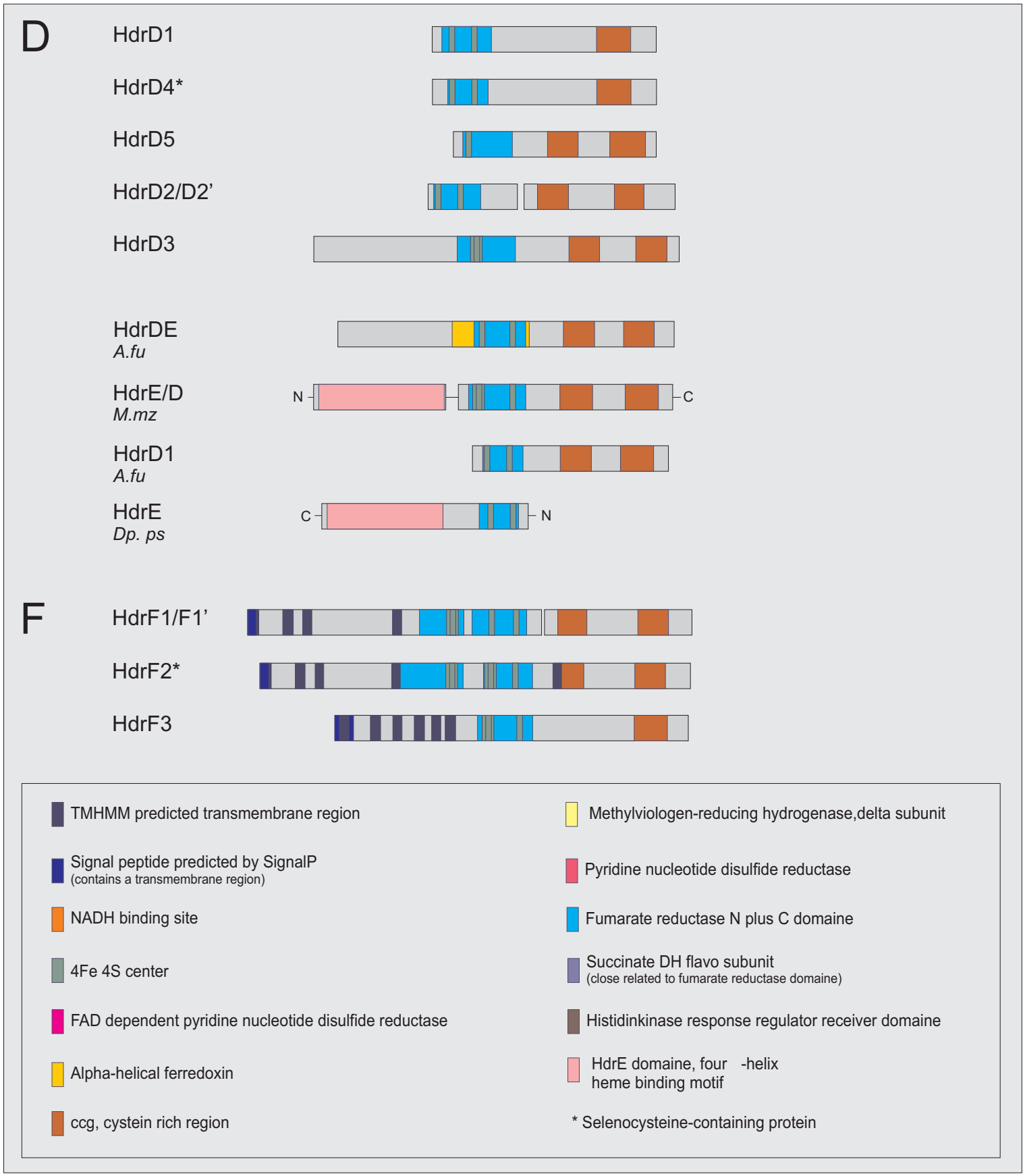
D
HdrD1
HdrD4*
HdrD5
HdrD2/D2'
HdrD3
HdrDE
A.fu
HdrE/D
M.mz
N
C
HdrD1
A.fu
HdrE
Dp. ps
C
N
F
HdrF1/F1'
HdrF2*
HdrF3
TMHMM predicted transmembrane region
Signal peptide predicted by SignalP
(contains a transmembrane region)
NADH binding site
4Fe 4S center
FAD dependent pyridine nucleotide disulfide reductase
Alpha-helical ferredoxin
ccg, cystein rich region
Methylviologen-reducing hydrogenase,delta subunit
Pyridine nucleotide disulfide reductase
Fumarate reductase N plus C domaine
Succinate DH flavo subunit
(close related to fumarate reductase domaine)
Histidinkinase response regulator receiver domaine
HdrE domaine, four -helix
heme binding motif
* Selenocysteine-containing protein

Fig. S3b