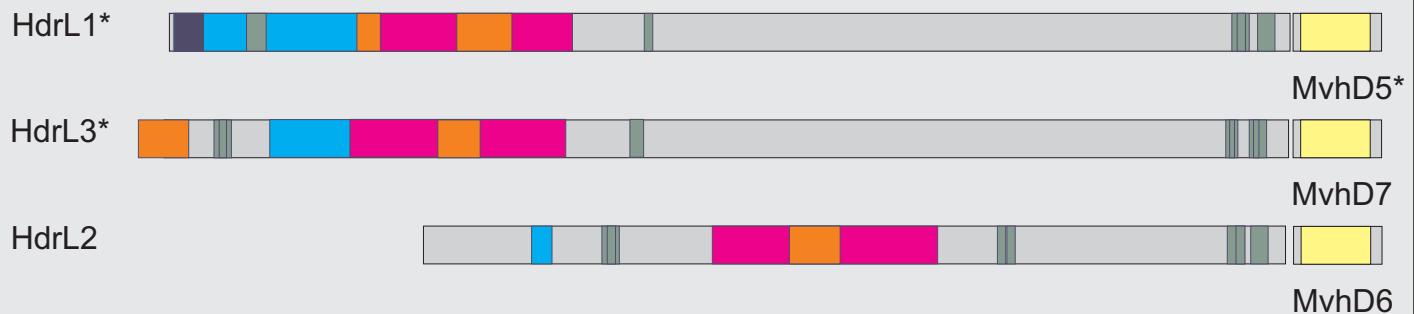


A



L



■ TMHMM predicted transmembrane region

■ Methylviologen-reducing hydrogenase,delta subunit

■ Signal peptide predicted by SignalP  
(contains a transmembrane region)

■ Pyridine nucleotide disulfide reductase

■ NADH binding site

■ Fumarate reductase N plus C domaine

■ 4Fe 4S center

■ Succinate DH flavo subunit  
(close related to fumarate reductase domaine)

■ FAD dependent pyridine nucleotide disulfide reductase

■ Histidinkinase response regulator receiver domaine

■ Alpha-helical ferredoxin

■ HdrE domaine, four -helix  
heme binding motif

■ ccg, cystein rich region

■ \* Selenocysteine-containing protein

Fig. S3a