

Supplementary Table 3. Functional annotation of the identified protein

Accession ID	Uniprot ID	Protein Name	GO	PFAM	PROSITE
NGFG RS03485	A0A6G7AIN5 NEIGO	2Fe-2S iron-sulfur cluster binding domain-containing protein	0009055; electron transfer activity 0046872; metal ion binding 0051537;2 iron, 2 sulfur cluster binding	PF00111 2Fe-2S iron-sulfur cluster binding domain PF00175 Oxidoreductase NAD-binding domain PF00970 Oxidoreductase FAD-binding domain	PS00197 2Fe-2S ferredoxin-type iron-sulfur binding region signature. PS51085 2Fe-2S ferredoxin-type iron-sulfur binding domain profile. PS51384 Ferredoxin reductase-type FAD-binding domain profile