Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: Species of origin, protein identification number (ID) and functional annotation

of PAN domaincontaining proteins.

File name: Supplementary Data 2

Description: GO terms exhibiting significant enrichment among 28,300 PAN domain-

containing proteins.

File name: Supplementary Data 3

Description: Proteins with PAN domain in alignment.