



**Figure S3** Phylogenetic tree of Ndt80-like proteins from selected fungi, animals and a slime mold. Sequences from ascomycete fungi are in blue, basidiomycete 41

fungi in green and other fungi in red. All sequences, with the exception of those from *N. crassa* are from the InterPro database ([www.ebi.ac.uk/interpro/entry/IPR024061/taxonomy](http://www.ebi.ac.uk/interpro/entry/IPR024061/taxonomy)) and the accession numbers are given. The *N. crassa* sequences are from the *Neurospora crassa* database ([www.broadinstitute.org/annotation/genome/neurospora/MultiHome.html](http://www.broadinstitute.org/annotation/genome/neurospora/MultiHome.html)). The alignment was generated with the MUSCLE (Edgar 2004) and ClustalW Phylogeny (Larkin *et al.* 2007) computer programs.