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Coprinus  GKKREDEFDREFNRLKISKPDLDQNGREPEEDWKVLADFGDDSGIRGNFMTICELEVFK  749
          GKKRE + D ++ +IS D                      DDS + + + E
Human     GKKRELKEDSLWSAKEISNND-----KLQDDSEMLPKKLLLTEFRSLV  663

Coprinus  EKNGRNAKSAGEMRPEWEGKPNFKKFKRKNVPRSG  784
          KN + +G + ++ NFKKFK+ P +G
Human     IKNSTSRNPSG-INDDYGQLKNFKKFKKVTYPGAG  697

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**Figure S3** Alignment of the Mre11 binding motif (amino acids 770-776) and surrounding sequence from *C. cinereus* and human Nbs1. The *C. cinereus* protein sequence was used as a query in a BLAST against the human protein sequence to produce an alignment.