

S1 Appendix. Proposed domain structure of MCA. (a) For the MCA protein, the ARPK domain, at the N-terminus, and PLAC8, at the C-terminus, was proposed previously, and it was shown that MCA has an EF hand-like and a coiled-coil region [7]. (b) The biological function of MCA proteins was tested. As a result, the MCA functional domain at the N-terminus, which was previously described as ARPK domain and part of the EF hand-like region, was proposed [18]. This domain was analyzed in the present study and has been registered as MCA^{func} domain in the Pfam database

