HAI1	MAGICC-GVVGETEPAAPVDSTSRASLRRRLDLLPSIKIVADSAVAPPLENCRKRQKRETVVLSTLPGNLDLDSNVRSENKKARSAVTNSNSVTEAESFFSDV	105 114
HAI2	PKIGTTSVCGRRRDMEDAVSIHPSFLQRNSENHHFYGVFDCHGCSHVAEKCRERLHDIVKKEVEVMASDE	206 218
HAI1 HAI2 HAI3	KCRCELQRPDCDAVGSTAVVSVLTPEKIIVANCGDSRAVLCRNGKAIALSSDHKPDRPDELDRIQAAGGRVIYWDGPRVLGVLAMSRAIGDNYLKPYVISRPEVTVTDRANGDD NCRCELQTPDCDAVGSTAVVSVITPEKIIVANCGDSRAVLCRNGKAVPLSTDHKPDRPDELDRIQEAGGRVIYWDGARVLGVLAMSRAIGDNYLKPYVTSEPEVTVTDRTEEDE NCKCDLQTPACDSVGSTAVVSVITPDKIVVANCGDSRAVLCRNGKPVPLSTDHKPDRPDELDRIEGAGGRVIYWDCPRVLGVLAMSRAIGDNYLKPYVSCEPEVTITDRRD-DD	320 331
HAI1 HAI2	CLILASDGLWDVVPNETACGVARMCL——RGAGAGDDS—————DAAHNACSDAALLLTKLALARQSSDNVSVVVVDLRKRRNNQASS PLILASDGLWDVVSNETACSVVRMCL——RGKVNGQVSSSPER—EMTGVGAGNVVVGG——GDLPDKACEEASLLLTRLALARQSSDNVSVVVVDLRRDT PLILATDGLWDVVTNEAACTMVRMCLNRKSGRGRRRGETQTPGRRSEEEGKEEEEKVVGSRKNGKRGEITDKACTEASVLLTKLALAKHSSDNVSVVVIDLRRRKRHVA CLILASDGLWDVVSNETACSVARMCL——RGGGRRQDNEDP———AISDKACTEASVLLTKLALARNSSDNVSVVVIDLRR	396 411 441 362

**Supplementary information Figure S2** Sequence comparison of PP2CA with HAI1/2/3. The PP2CA-unique motif, shaded in orange, is conserved in HAI1/2/3.