

CAH8_Drer : ---MADNVIE---ESGNY-PGKDELDWGYYY-----G-VEWGLLFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 76
CAH8_Omyk : ---MADSVIE---ESDYY-PGKDELDWGYYG-----G-VEWGLLFPDANGEYQSPINLNSREARYDPSLLDGLTPNYVVCRCDEVIIND : 76
CAH8_Gacu : ---MADSVNE---ESDYN-PGKDELAWGYEE-----G-VEWGLHFPDANGEYQSPINLNSREARYDPSLLDAGLSPNYVVCRCDEVIIND : 76
CAH8_Olat : -LCMGGGVVEESLSFLQRRQNDQR-LRKDELDWGYYY-----G-VEWGLHFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 86
CAH8_Trub : ---MADSTINE---ELDYKESGNEELDWGYYY-----G-VEWGLLFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 77
CAH8_Tnig : --LVQES-----WYLKGVSPLS-----G-VEWGLLFPDANGEYQSPINLNSREARYDPSLLDGLAPNYLVCRCDEVIIND : 67
CAH8_Ggal : --MADRSLIEGAEPFPRREEAP-----EWGYEE-----G-VEWGLLFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 78
CAH8_Tgut : -----S-----G-VEWGLLFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 53
CAH8_Cpor : -----G-VEWGLVFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 52
CAH8_Cfam : --MADLSFIEDSVAFRGYEEGGVNLNRK-LHQGWGPE-----G-VEWGLVFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 86
CAH8_Rnor : --MADLSFIEDAVAFPEKEEDEEEEEEE-GVEWGYEE-----G-VEWGLVFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 85
CAH8_Mmus : --MADLSFIEDSVAFPEKEEDEEEEEEEGVEWGYEE-----G-VEWGLVFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 86
CAH8_Btau : --MADLSFIEDSVAFPEKEEDEEEEEEE-GVEWGYEE-----G-VEWGLVFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 85
CAH8_Mmur : -----LSFIEDSVAF-EKEEDEEEEEEE-GVEWGYEE-----G-VEWGLVFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 81
CAH8_Opri : --MADLSFIEDSVAFPEKEEDEEEEEEE-GVEWGYEE-----G-VEWGLVFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 85
CAH8_Ecab : --MADLSFIEDSVAFPEKEEDEEEEEEE-GVEWGYEE-----G-VEWGLVFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 85
CAH8_Sscr : --MADLSFIEDSVAFPEKEEDEEEEEEEGVEWGYEE-----G-VEWGLVFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 86
CAH8_Pabe : --MADLSFIEDTVAFPEKEEDEEEEEEE-GVEWGYEE-----G-VEWGLVFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 85
CAH8_Ptro : --MADLSFIEDTVAFPEKEEDEEEEEEE-GVEWGYEE-----G-VEWGLVFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 85
CAH8_Mmul : --MADLSFIEDTVAFPEKEEDEEEEEEE-GVEWGYEE-----G-VEWGLVFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 85
CAH8_Hsap : --MADLSFIEDTVAFPEKEEDEEEEEEE-GVEWGYEE-----G-VEWGLVFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 85
CAH8_Cjac : --MADLSFIEDTVAFPEKEDDEEEEEEE-GVEWGYEE-----G-VEWGLVFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 85
CAH8_Ppyg : --MADLSFIEDTVAFPEKEEDEEEEEDE-GVEWGYEE-----G-VEWGLVFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 85
CAH8_Tsyr : -----VEWGLVFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 51
CAH8_Ttru : -----VEWGLVFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 51
CAH8_Mluc : -----TFPQENEQGGEGVE-----STEE-----G-VEWGLVFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 70
CAH8_Mdom : -----SLTFCKTNLSVELKSDSQPGEK-----KWGYEE-----G-VEWGLVFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 81
CAH8_Oana : -----LSWGFETLFL-----G-VEWGLVFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 62
CAH8_Acar : -----G-VEWGLLFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 52
CAH8_Xtro : --MADKHYIED-----EAVQKEKENQEWGYEE-----G-VEWGLLFPDANGEYQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 77
CAH8_Spur : MSILKFTKFRKRYLRGKLLTRRSDSREKLIPWVHEDTFDDLCLSLPIKAFSYRGTAEWGIFHQANGDQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 106
CAH8_Blan : -----EWGLHWPYANGDQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 50
CAH8_Tadh : -----MILCPSRNDYFPAKGNRQSPINLNSREARYDPSLLDGLSPNYVVCRCDEVIIND : 56

CAH8_Drer : GHTVRIILKSKSVVGGPLPSDHEYELSEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFSNVEEAMGKKRGIILIALFVQVGEHGLKAITVEVLQDLOY : 182
CAH8_Omyk : GHTVRIILKSKSVVGGPLQIDHEYELSEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFSNVEEALGKTNGVLIALFVQVGEHGLKAITVEVLQDLOY : 182
CAH8_Gacu : GHTVRIILKSKSVVGGPLPSDHEYELSEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFSNVEEALGKTNGVLIALFVQVGEHGLKAITVEVLQDLOY : 182
CAH8_Olat : GHTVRIILKSKSVVGGPLPSDHEYELSEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFSNVEEALGKTNGVLIALFVQVGEHGLKAITVEVLQDLOY : 192
CAH8_Trub : GHTVRIILKSKSVVGGPLPSGHEYELSEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFSNVEEALGKTNGVLIALFVQVGEHGLKAITVEVLQDLOY : 183
CAH8_Tnig : GHTVRIILKSKSVVGGPLPSGHEYELSEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFSNVEEALGKTNGVLIALFVQVGEHGLKAITVEVLQDLOY : 173
CAH8_Ggal : GHSIDIALKSKSVLIGGPLPRGHEFELHDVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLYSSIDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 184
CAH8_Tgut : GHSIDIALKSKSVLIGGPLPRGHEFELHDVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLYSSIDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 159
CAH8_Cpor : GHTIOVLKSKSVLGGPLPQGHEFELYEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFGSDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 157
CAH8_Cfam : GHTIOVLKSKSVLGGPLPQGHEFELYEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFGSDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 192
CAH8_Rnor : GHTIOVLKSKSVLGGPLPQGHEFELYEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFGSDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 191
CAH8_Mmus : GHTIOVLKSKSVLGGPLPQGHEFELYEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFGSDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 192
CAH8_Btau : GHTIOVLKSKSVLGGPLPQGHEFELYEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFGSDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 191
CAH8_Mmur : GHTIOVLKSKSVLGGPLPQGHEFELYEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFGSDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 187
CAH8_Opri : GHTIOVLKSKSVLGGPLPQGHEFELYEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFGSDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 191
CAH8_Ecab : GHTIOVLKSKSVLGGPLPQGHEFELYEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFGSDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 191
CAH8_Sscr : GHTIOVLKSKSVLGGPLPQGHEFELYEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFGSDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 192
CAH8_Pabe : GHTIOVLKSKSVLGGPLPQGHEFELYEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFGSDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 191
CAH8_Ptro : GHTIOVLKSKSVLGGPLPQGHEFELYEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFGSDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 191
CAH8_Mmul : GHTIOVLKSKSVLGGPLPQGHEFELYEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFGSDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 191
CAH8_Hsap : GHTIOVLKSKSVLGGPLPQGHEFELYEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFGSDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 191
CAH8_Cjac : GHTIOVLKSKSVLGGPLPQGHEFELYEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFGSDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 191
CAH8_Ppyg : GHTIOVLKSKSVLGGPLPQGHEFELYEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFGSDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 191
CAH8_Tsyr : GHTIOVLKSKSVLGGPLPQGHEFELYEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFGSDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 157
CAH8_Ttru : GHTIOVLKSKSVLGGPLPQGHEFELYEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFGSDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 157
CAH8_Mluc : GHTIOVLKSKSVLGGPLPQGHEFELYEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFGSDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 176
CAH8_Mdom : GHTIOVLKSKSVLGGPLPQGHEFELYEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLFGSDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 187
CAH8_Oana : GHTIOIILKSKSVLGGPLPRGHEFELHDVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLYSSIDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 168
CAH8_Acar : GHSVIOILKSKSVLGGPLPRGHEFELHDVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLYSSIDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 158
CAH8_Xtro : GHTVRIILKSKSVLGGPLPRGHEYELSEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLYSSIDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 183
CAH8_Spur : GTGIIOTIFKYPVLSGGPLPQNSKFLAACAFAHWGKQDORGSEHTVNFKAFFMELHLIHWNSTLYSSIDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 212
CAH8_Blan : GHTAVOVVPKPTVLSGGPLPQNSKFLAACAFAHWGKQDORGSEHTVNFKAFFMELHLIHWNSTLYSSIDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 156
CAH8_Tadh : GHTIRISFSPGSTGGPLPQHEFELYEVRFHWGKENGORGSEHTVNFKAFFMELHLIHWNSTLYSSIDEAVGKPHGIATIALFVQVGEHGLKAITVEVLQDLOY : 160

CAH8_Drer : KGKTKIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 281
CAH8_Omyk : KGKTKIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 281
CAH8_Gacu : KGKTKIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 281
CAH8_Olat : KGKTKIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 281
CAH8_Trub : KGKTKIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 282
CAH8_Tnig : KGKTKIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 272
CAH8_Ggal : KGKSKTIIPC-FNPNSLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTVSQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 283
CAH8_Tgut : KGKSKTIIPC-FNPNSLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTVSQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 258
CAH8_Cpor : KGKSKTIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 256
CAH8_Cfam : KGKSKTIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 291
CAH8_Rnor : KGKSKTIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 290
CAH8_Mmus : KGKSKTIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 291
CAH8_Btau : KGKSKTIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 290
CAH8_Mmur : KGKSKTIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 286
CAH8_Opri : KGKSKTIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 290
CAH8_Ecab : KGKSKTIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 290
CAH8_Sscr : KGKSKTIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 291
CAH8_Pabe : KGKSKTIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 290
CAH8_Ptro : KGKSKTIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 290
CAH8_Mmul : KGKSKTIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 290
CAH8_Hsap : KGKSKTIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 290
CAH8_Cjac : KGKSKTIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 290
CAH8_Ppyg : KGKSKTIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 290
CAH8_Tsyr : KGKSKTIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 256
CAH8_Ttru : KGKSKTIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 256
CAH8_Mluc : KGKSKTIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 275
CAH8_Mdom : KGKTKIIPC-FNPNTLLPEKP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 289
CAH8_Oana : KGKSKTIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 267
CAH8_Acar : KGKSKTIIPC-FNPNSLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTVSQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 257
CAH8_Xtro : KGKSKTIIPC-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTVSQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 282
CAH8_Spur : KGRTLAVITTFPHPSCLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 312
CAH8_Blan : KGRTLAVITTFPHPSCLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 256
CAH8_Tadh : KDDIRIEMRLP-FNPNTLLP--DPLLRDYYVYEGSLTPPCSEGVWILFRYPLTISQIQIEEFRRLRTHVKGAELEGGDGLGDNFRPTQPLSDRVIRAAFA : 259