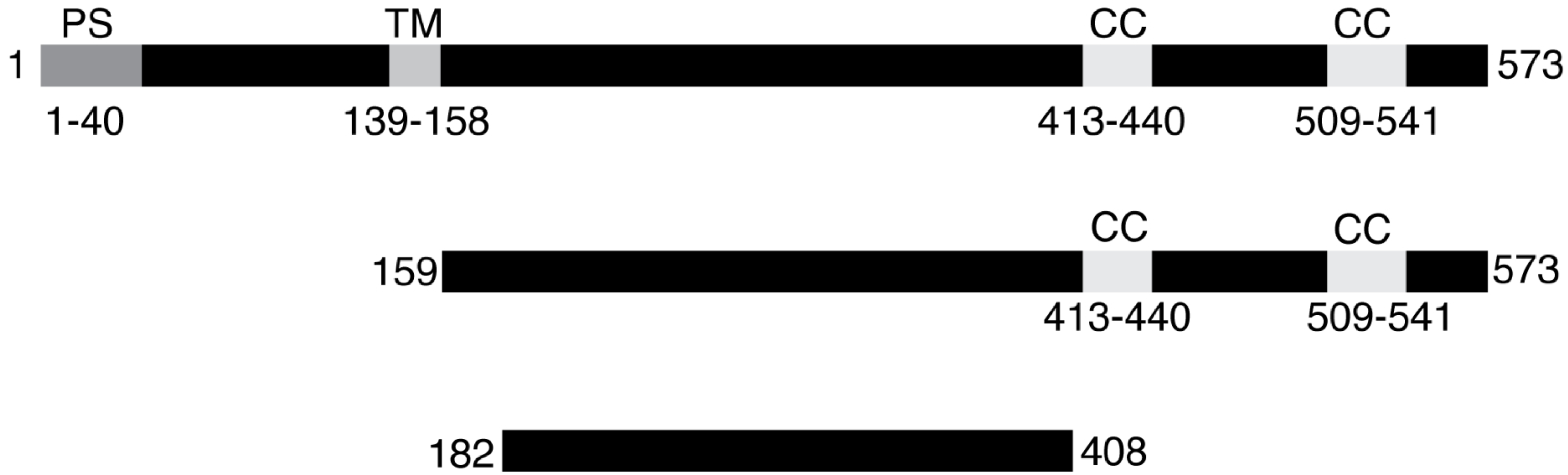
PS
TM
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159
573
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509-541
182
408

H1 H2 H3 ββ A H4 γ H5 H6 H7 H8 H9 γβ
Saccharomyces cerevisiae 182 KLIEIRKKTSEFLHETLEESNLITYNTIENAEKKQKFLNFFRKLYSAKEGKIMTFQHDEISAIAQMFKNDSVLDNLSRPQLAAMSKFMSLRPFGNDNMLRYQIRSKLKDIMNDDKTIDYEG-VESLSQEELYQACVSRGMKAYGVS 326
Schizosaccharomyces pombe 217 QLRKTRNEVSNMLRSTLKSGKFTFSNETR---ESKEFRDFFQKVRTSGQ----SPSREELIEVCKYFKDDITLDNLSRAQLVAMCRYMNLNAFGTDPLLRYNIRHRMRQIRRDDRAIYIEG-INSLSIPELFNACNSRGIRTQGLS 354
Caenorhabditis elegans 190 KQVKLRVEMAKFLQDTIEEIGLERKTRNKESTRSLEFALFIKKVRNEGGY----VSNEELLKFSKLFEDEITLDNLSMGQLRSLCRLMSINSLGSPEILRFQLNMKIRELKADDKQIAAEGGVDALSSIDLQSACRARGMRAIGVS 331
Drosophila melanogaster 280 QSLSVRLEVAKFLQQTLDQMPVQHKEHSSEEAK--QFEAFFTKIRNPTEP----VSNDEIIKFAKRFDDEITLDSLSREQLAALCRVLELNTIGTTTLLRFQLRLKLRSLATDDRVIAREG-VDSLDLLELQQACKARGMRAYGLT 418
Mus musculus 219 KTMAAKLEIAKFLQETMTEMARRNRAKLGDASS--QLSSYVKQV-QTGHK----PSTKEIVRFSKLFKDQLALEHLDRPQLVALCKLLELQTFGTNNLLRFQLLMTLKSIKADDEIIAKEG-VKALSVSELQSACRARGMRSLGLT 356
Rattus norvegicus 251 KELRVKLELAKFLQDTIEEMALKNKAAKGNATK--DFSAFFQKIRETGER----PSNEEIMRFSKLFEDELTLDNLTRPQLVALCKLLELQSIGTNNFLRFQLTMRLRSIKADDKLISEEG-VDSLTVKELQAACRARGMRALGVT 389
Homo sapiens 252 KELRVKLELAKFLQDTIEEMALKNKAAKGSATK--DFSVFFQKIRETGER----PSNEEIMRFSKLFEDELTLDNLTRPQLVALCKLLELQSIGTNNFLRFQLTMRLRSIKADDKLIAEEG-VDSLNVKELQAACRARGMRALGVT 390
H10 H11 A H13 β H14
Saccharomyces cerevisiae 327 KEDLVDNLKVWLELRLRQKIPSVLMVLSSTFTFGGLPK---ENYSKAFSPLAEKKETKSKYDDLLDL 390
Schizosaccharomyces pombe 355 PAKLKEELSVWLDMRIKHGIPSVILMLSNAFSYG---YNEGTYDS 396
Caenorhabditis elegans 332 EERLKEQLVQWLELSLNDKVPPALLLLSRTLYLPEEVSFPDRLKAIVQNLPDGLAETTKQKLTEMEGGQIDHKARIELIRSIESAIANEKKDEEKKKKAAEEALKSKEEAEKAKVQEKEKLVDVAAQAIVHELKKDIYDAVASTSS 477
Drosophila melanogaster 419 EERLRFQLKEWIDLSLNEQVPPTLLLLSRTMLISDDSITTDKLKETIRVLPDAVGAHTRHAIGESEG-KVDNKTKIEIIKEEE-----------------------RKIREEREEEREETIAKRSAIKEEIPAPYVFAEKLSGSQD 540
Mus musculus 357 EEQLCQQLTGWLDLHLKENVPPSLLLLSRTFYLIDVKP--KPIELPPNIETPKPNLGIPTPPPPESK-----------EN 423
Rattus norvegicus 390 EDRLKGQLKQWLDLHLYHEIPTSLLILSRAMYLPDTLSPADQLKSTLQTLPEIVAKEAQVKAAEVEGEQVDNKAKLEATLQEEAAIQQEHLE-------------ELKRAAETAKDIQPEVAEATVPGRPGAELQPKMVDVIPPSEI 523
Homo sapiens 391 EDRLRGQLKQWLDLHLHQEIPTSLLILSRAMYLPDTLSPADQLKSTLQTLPEIVAKEAQVKVAEVEGEQVDNKAKLEATLQEEAAIQQEHREK------------ELQKRSEVAKDFEPERVVA-APQRPGTEPQPEMPDTVLQSET 524
ββ
Saccharomyces cerevisiae 391 YYDGILQVLSSIPDPVYN 408
Schizosaccharomyces pombe 397 RWDALQDTLASIPDELYH 414
Caenorhabditis elegans 478 TTEAKEPAAKPSEAKEEK 495
Drosophila melanogaster 541 LLDHKEQSSVSETDKGIS 558
Mus musculus 424 LTDS-APQLKGTKD---- 436
Rattus norvegicus 524 LKDT-APVLEGLKGEEIT 540
Homo sapiens 525 LKDT-APVLEGLKEEEIT 541