

>gi|151108413|ref|NP_001092742.1| BTB/POZ domain-containing protein 9 isoform a [Homo sapiens]
MSNSHPLRPFTAVGEIDHVHILSEHIGALLIGEEYGDVTFVVEKKRFP AHRVILAARCQYFRALLYGGMR
ESQPEAEIPLQDTTAEAF TMLLKYYITGRATLTDEKEEVLLDFLSLAHKYGFPELEDSTSEYLCTILNIQ
NVCMTFDVASLYSLPKLTCMCCMFMDRNAQEVL SSEGFLSLSKTALLNIVLRDSFAAPEKDIFLALLNWC
KHNSKENHAEIMQAVRLPLMSL TELLNVVRPSGLLSPDAILDAIKVRSESRDMDLNYRGMLIPEENIATM
KYGAQVVKGELKSALLDGD TQNYDL DHGFSRHPIDDDCRSGIEIKLGQPSIINHIRILLWDRDRSRSYSYF
IEVSMDEL DWVRVIDHSQYLCRSWQKLYFPARVCRYIRIVGTHNTV NKIFHIVAFECMFTNKTFTLEKGL
IVPMENVATIADCASVIEGVSRSRNALLNGDTKNYDWD SGYTCHQLGSGAIVVQLAQPYMIGSIRLLLWD
CDDRSYSY YVEVSTNQQW TMVADRTKVSCKSWQSVTFERQPASFIRIVGTHNTANEVFHCVHFECPEQQ
SSQKEENSEESGTGDTSLAGQQLD SHALRAPSGSSLPSSPGSNSRSPNRQH Q

>gi|332823960|ref|XP_003311323.1| PREDICTED: BTB/POZ domain-containing protein 9 isoform 1 [Pan
troglodytes]
MCRALLYGGMRESQPEAEIPLQDTTAEAF TMLLKYYITGRATLTDEKEEVLLDFLSLAHKYGFPELEDST
SEYLCTILNIQ NVCMTFDVASLYSLPKLTCMCCMFMDRNAQEVL SSEGFLSLSKTALLNIVLRDSFAAPE
KDIFLALLNWC KHNSKENHAEIMQAVRLPLMSL TELLNVVRPSGLLSPDAILDAIKVRSESRDMDLNYRG
MLIPEENIATM KYGAQVVKGELKSALLDGD TQNYDL DHGFSRHPIDDDCRSGIEIKLGQPSIINHIRILL
WDRDRSRSYSYFIEVSMDEL DWVRVIDHSQYLCRSWQKLYFPARVCSGDGVS LWCPLWSRTPELKQSSLLG
LPKCRYIRIVGTHNTV NKIFHIVAFECMFTNKTFTLEKGLIVPMENVATIADCASVIEGVSRSRNALLNG
DTKNYDWD SGYTCHQLGSGAIVVQLAQPYMIGSIRLLLWD CDDRSYSY YVEVSTNQQW TMVADRTKVSC
KSWQSVTFERQPASFIRIVGTHNTANEVFHCVHFECPEQQSSQKEENSEESGTGDTSLAGQQLD SHALRA
PSGSSLPSSPGSNSRSPNRQH Q

>gi|297290757|ref|XP_002803769.1| PREDICTED: BTB/POZ domain-containing protein 9 isoform 2 [Macaca
mulatta]
MCRALLYGGMRESQPEAEIPLQDTTAEAF TMLLKYYITGRATLTDEKEEVLLDFLSLAHKYGFPELEDST
SEYLCTILNIQ NVCMTFDVASLYSLPKLTCMCCMFMDRNAQEVL SSEGFLSLSKTALLNIVLRDSFAAPE
KDIFLALLNWC KHNSKENHAEIMQAVRLPLMSL TELLNVVRPSGLLSPDAILDAIKVRSESRDMDLNYRG
MLIPEENIATM KYGAQVVKGELKSALLDGD TQNYDL DHGFSRHPIDDDCRSGIEIKLGQPSIINHVRILL
WDRDRSRSYSYFIEVSMDEL DWVRVIDHSQYLCRSWQKLYFPARVCSGDRVSRWCPLWSRTPELKQSSFLG
LPKCRYIRIVGTHNTV NKIFHIVAFECMFTNKTFTLEKGLIVPMENVATIADCASVIEGVSRSRNALLNG
DTKNYDWD SGYTCHQLGSGAIVVQLAQPYMIGSIRLLLWD CDDRSYSY YVEVSTNQQW TMVADRTKVSC
KSWQSVSFERQPASFIRIVGTHNTANEVFHCVHFECPEQQSSQKEENSEESGTGDTSLAGQQLD SHALRA
PSGSSLPSSPGSNSRSPNRQH Q

>gi|345778723|ref|XP_538898.3| PREDICTED: BTB/POZ domain-containing protein 9 [Canis lupus familiaris]
MRESQPEAEIPLQDTTAEAF TMLLKYYITGRATLTDEKEEVLLDFLSLAHKYGFPELEDSTSEYLCTILN
IQNVCMTFDVASLYSLPKLTCMCCMFMDRNAQEVL SSEGFLSLSKTALLNIVLRDSFAAPEKDIFLALLN
WCKHNSKENHAEIMQAVRLPLMSL TELLNVVRPSGLLSPDAILDAIKVRSESRDMDLNYRGMLIPEENIA
TMKYGAQVVKGELKSALLDGD TQNYDL DHGFSRHPIDDDCRSGIEIKLGQPSIINHIRILLWDRDRSRSYS
YFIEVSMDEL DWIRVIDHSQYLCRSWQKLYFPARVCRYIRIVGTHNTV NKIFHIVAFECMFTNKTFTLEK
GLIVPMENVATIADCASVIEGVSRSRNALLNGDTKNYDWD SGYTCHQLGSGAIVVQLAQPYMIGSIRLLL
WDCDDRSYSY YVEVSTNQQW TMVADRTKVSCKSWQSVTFERQPASFIRIVGTHNTANEVFHCVHFECPE
QQSSHKEDSSEESGPGEPGPGQLD PHALQAPSGSSLPSSPGSASRSPNRQH Q

>gi|190360739|ref|NP_001121970.1| BTB/POZ domain-containing protein 9 [Bos taurus]
MSNSHPLRPFTAVGEIDHVHILSEHIGALLIGEEYGDVTFVVEKKRFP AHRVILAARCQYFRALLYGGMR
ESQPEAEIPLQDTTAEAF TMLLKYYITGRATLTDEKEEVLLDFLSLAHKYGFPELEDSTSEYLCTILNIQ

NVCMTFDVASLYSLPKLTCMCCMFMDRNAQEVLSSEGFLSLSKTALLNIVLRDSFAAPEKDIFLALLNWC
KHNSNENHAEIMQAVRLPLMSLTELNVVRPSGLLSPDAILDAIKVRSESRDMDLNRYGMLIPEENIATM
KYGAQVVKGELKSALLDGDGTQNYDLDHGFSRHPIDDDCRSGIEIKLGQPSIINHIRILLWDRDRSRSYSYF
IEVSMDELWDWIRVIDHSQYLCRSWQKLYFPARVCRYIRIVGTHNTVKNKIFHIVAFECMFTNKTFTLEKGL
IVPMENVATIADCASVIEGVSRSRNALLNGDTKNYDWDSSYTCHQLGSGAIVVQLAQPYMIGSIRLLLWD
CDDRSYSYVEVSTNQQTWMTVADRTKVSCSWQSVTFERRPASFIRIVGTHNTANEVHFCVHFECPEQQ
SAQKDSSEPGTGGASAAGQQLDPHALQAPSGSSLSPSPGNSRSPNRQH

>gi|27819604|ref|NP_766206.1| BTB/POZ domain-containing protein 9 [Mus musculus]
MSNSHPLRPFTAVGEIDHVHILSEHIGALLIGEYGDVTFVVEKKHFP AHRVILAARCQYFRALLYGGMR
ESQPEAEIPLQDTTAEAFMMLRYIYTGRATLTDEKEEVLLDFLSLAHKYGFPELEDSTSEYLCTILNIQ
NVCMTFDVASLYSLPKLTCMCCMFMDRNAQEVLASDGFSLSKTALLNIVLRDSFAAPEKDIFLALLNWC
KHNAKENHAEIMQAVRLPLMSLTELNVVRPSGLLSPDAILDAIKVRSESRDMDLNRYGMLIPEENIATM
KYGAQVVKGELKSALLDGDGTQNYDLDHGFSRHPIDDDCRSGIEIKLGQPSIINHIRLLLWDRDRSRSYSYF
IEVSMDELWDWIRVIDHSHYLCRSWQKLYFPARVCRYIRIVGTHNTVKNKIFHIVAFECMFTNKAFTLEKGL
IVPLENVATIADCASVIEGVSRSRNALLNGDTKNYDWDSGYTCHQLGSGAIVVQLAQPYHIGSIRLLLWD
CDDRSYSYVEVSTNQQTWMTVADRTKVSCSWQSVTFERQPASFIRIVGTHNTANEVHFCVHFECPEQQ
SNQKEDSSEEPGTGDPSTPNQQLDPHAPRAPSASSLPPSPGPNRSRSPNQ

>gi|61556863|ref|NP_001013091.1| BTB/POZ domain-containing protein 9 [Rattus norvegicus]
MSNSHPLRPFTAVGEIDHVHILSEHIGALLIGEYGDVTFVVEKKRFP AHRVILAARCQYFRALLYGGMR
ESQPEAEIPLQDTTAEAFMMLRYIYTGRATLTDEKEEVLLDFLSLAHKYGFPELEDSTSEYLCTILNIQ
NVCMTFDVASLYSLPKLTCMCCMFMDRNAQEVLASDGFSLSKTALLNIVLRDSFAAPEKDIFLALLNWC
KHNAKENHAEIMQAVRLPLMSLTELNVVRPSGLLSPDAILDAIKVRSESRDMDLNRYGMLIPEENIATM
KYGAQVVKGELKSALLDGDGTQNYDLDHGFSRHPIDDDCRSGIEIKLGQPSIINHIRLLLWDRDRSRSYSYF
IEVSMDELWDWIRVIDHSHYLCRSWQKLYFPARVCRYIRIVGTHNTVKNKIFHIVAFECMFTNKAFTLEKGL
IAPMENVATIADCASVIEGVSRSRNALLNGDTKNYDWDSGYTCHQLGSGAIVVQLAQPYMIGSIRLLLWD
CDDRSYSYVEVSTNQQTWMTVADRTKVSCSWQSVTFERQPASFIRIVGTHNTANEVHFCVHFECPEQQ
STQKEDSSEEPGTGDLSTPSQQLDPHAPRAPSASSLPPSPGPNLHSPNQ

>gi|56605918|ref|NP_001008459.1| BTB/POZ domain-containing protein 9 [Gallus gallus]
MAKNPNFQEVGHLP TGYIHC RPSEFTGYQYHHP SKMSNSHPLRPYTA VGEIDHVHILSEHIGALMNGEE
YSDVTFIVEKKRFP AHRVILAARCHYFRALLYGGMR ESQPEAEIPLQDTTAEAFMMLKYIYTGRATLRD
EKEEVLLDFLSLAHKYGFPELEDSTSEYLCTILNIQNVCMTFDVASLYSLPKLTCMCCMFMDRNAQEVLS
SEGFLSLSKAALLSIVLRDSFAAPEKDIFQALMNWCKHNPKENHAEIMQAVRLPLMSLTELNVVRPSGL
LSPDAILDAIKIRSESRDMDLNRYGMLIPGENIATMKYGAQVVKGELKSALLDGDGTQNYDLDHGFSRHP
IDDDCRSGIEIKLGQPSIINHIRILLWDRDRSRSYSYIEVSMDELWDWIRVIDHSKYLRSWQNL YFPARVC
RYIRIVGTHNTVKNKIFHIVAFECMFTNKTFALEKGLIVPTENVATIADCASVIEGVSRSRNALLNGDTKN
YDWD SGYTCHQLGSGAIVVQLAQPYMIGSIRLLLWDCDDRSYSYIEVSTNQQTWMTVADRTKVSCSWQ
TITFDKQPASFIRIVGTQNTANEVHFCVHFECPAQSGTHKDEGCKEVATTEVGTGEQQLVSRPVRAASTS
SLHSPPGSTLRSHAHQP

>gi|50345054|ref|NP_001002198.1| BTB/POZ domain-containing protein 9 [Danio rerio]
MSDSHPLRPMNSASEIDHLHLLSEQLGALVPGEYSDVTFVVEEKRFP AHRVILAARCQYFRALLYGGLR
ESRAQAEVRLEETRAEAFSMLRYLYTGRATLSEAREETLLDFLGLAHRYGLQPLEVSICEFLRLLSTR
NVCLVFDVASLYCLNGLAEACMAYMDR NAVEVLKSDGFLTLSKSALLTVVRRDSFASSEREIFQALCHWC
HHNGDGPEAKEVMSAVRLPLMTLSEMLNVVRPSGLLSPDILLDAIQTRSESRDMDLNRYGMLIPEENIAT
MKHGAVVVKGELKSALLDGDGTQNYDLDHGFSRHP IEEGRAAGIQVRLGQPSIVNHIRLLLWDKDRSRSY
YVEVSMDELWDWVRVVDH SKFLCRSWQKLYFPARVCRFIRVVGTHNTVKNKIFHLVALECMYTLRPFTLEK

GLLVPTENVATVQACASVVEGVSRSRNALLNGDTSHYDWDSDGYTCHQLGSGAIVIQLAQPYMLGSMRLLL
WDCDERSYSYVELSTNQNWVKIVDRTKDECRSWQTLTFDRQPASFIRIVGTHNTANEVHFHCVHFCEPA
QMDTVVKEGSPGPDQPKPETSSQNSYSQSLMAQKPSSSSSHT

>gi|18859799|ref|NP_572649.1| BTB (POZ) domain containing 9 ortholog, isoform A [Drosophila melanogaster]
MSSQGHKMSGGKKGAMEQDYTDVVDLGDRFSADMARLCMNEQYADVEFIVEEERIPAHRVILAARSEY
FRALLYGGMAETTQRQIPEVPLEAFKVLRLRYISGTLSTLDEDSTIDVLGMANQYGFQDLEMAISNY
LRQYLALDNVCMILDAARLYNLEELTEVCLMFMDRNAGDLLHNSFNLTLSKESLEEVLRDRDCFFAPEVQI
FLAVWKWSRFNSNVDFKSVVSYVRLPLMNLEHLLQVVRPSGILDPDKILDAIDERSTSKALPYRAALWPE
ENVAAETFLSRCIQGECRDALLDGDVTTYDMENGYTRHCITDSK DAGIVVELGTFCMINHIRMLLWDRDS
RAYSYVEVSGDQQHWDVRVVDYSDYHCRSWQYLYFEARPVRFIRLVGTQNTVNRVHVGVGLEAMHTAKVP
RLVNHVAVPKTNVATVEMSAIVTDGVSRTRNALINGDYVRYDWDSDGYTCHQLGSGEIVVRLGQPYLGM
RLLLWDCDDRTYSFYIEISTNRKEWQMVDVRRNDRTRSWQNFHFTPRPVVYIRIVGTRNTANEIFHCVHL
ECPTQDKNYLKKIADMEKEREKREKKTAKTDDDNIASSTSGSSLASGHAESPSTSSSSQSVLRSIHW
PQTREAVAVPLTPPALSPPGTPALPAPLTPATSSPHNNHEQNQPSNISADASHHTSPSSRSNPSPSLRS
RSQSAELEPVPLVELDTRETL

>gi|158286953|ref|XP_309029.4| AGAP006714-PA [Anopheles gambiae str. PEST]
MSSQSSMAGSQHTSSALARNHEIELTARFSEQMAQLCMSADYSVTFIVEGQRIPAHRVILAARSEYFR
ALLYGGLQETKQHEITLNIPLMAFRCLLKYYSGMSMLMQMKEEHLLDTLGLANQYGFADLEMAISDYLR
QVLSLGNVCAILDAARLFALDGLTAVCHSFMDRNAADILQHESFRHLSLDSLCSLLLRDSFFAREVEIFQ
AVFDWCRCNADTVPNVDVVVGKRVFELMSLEELLTVVRPSGILDPDRLLDAIGEKISSKQLPYRPEENVA
TPKFNRTIHGELRSALLDGDVTSYDMEKGYTRHSISETGDSSGIHVELGKLFIIHNIKVLLWDRDTRSY
SYYVEVSVNQNRWERIVDHTKYCRSWQYLYFPAQAVRYIRLVGTHNTVNKVFHVVALEAMFTESTTPV
DGLQPAYNVATVERSANVMEGVSRTRNVLLNGDVKNYDWDSDGYTCHQIGTGVLILQLGQPYWIDSLRLL
LWDCDNRSYSFYIEVSANMTDWEVVVDKQSDHLKSWQHFAFQPKVVVYIRIVGTHNTANEMFHFHCVHFCEP
SQEPEFLRRERAIPIEASGEESAEEVVD EAPLRQESVTD

>gi|17557648|ref|NP_504839.1| Protein HPO-9 [Caenorhabditis elegans]
MSDNHAFGRPIQEDGRGIVETMRTESAAISNNFNAVNSVNSVQHLDELQSDFEIFTSTDHSDVTLVL
DDGTEFAAHLRILAVRSSFFRAMLYTGQESHQQLVTLQETNSVAFRAVLRMYTSKIDFAGVELDILLE
YLSLAHRYDLIQLMTAISEYFKEILKNENLCSIFNAAYFFQFTDLIDYCMQYSDKHADQLEDPSFNRLS
GDSLKELLARDSFFALELKIFNAVRSWHQNNPTMKEASKVLELVRLPLITQTELLNCVRPTGLVSADTL
LDAIEVQTQRPHIIPFRGCKSLDTNIIPHYPHAQPLSRELSRYTNDENISVFQIDLGKPFIIINTIMMDF
NWKNEVQAFYQVHVSMDNRVDAHWNLVADYSEYDCRGTQRLFFTDVSVRHILIRVNSMSCKLEGSRIE
AMFSTETMPVEPVHKVIVPHRNITTIENHARVVEGVSRNALINGDSSSYDWDTGYTCHQIGSGLIMI
LAQPYIISMRILLWNCDDRFYSYVAVSKNQDEWVTIVDRTNEECHGWQELIFDPLPVVYIRLVGTRNS
INEVFHVHLEAPSNVPIAIK