

DNA binding motif



CrNFκB 1: -MDSVSVHVTSKMVP-----TTPTPYVRIVEQPASRALRFRYECEGRSAGSIPGANSTAECKTYPT
DmDorsal 1: MFPNQNGAAGPGQGF--AVDGGQSLNYNGLPAQQQQQLAQSTKNVRKKPYVKITEQPAGKALRFRYECEGRSAGSIPGVNSTPENKTYPT
AgGambif 1: -MAGYVNGADAAPFTEIEGILGESDLLDDI IHVIGKDIRREEMPVVPNQRPFYVEITEQHPKALRFRYECEGRSAGSIPGVNITAEQKTFPS

CrNFκB 61: IQV VNYKGS AVVVVSCVTKEGPFPRPHPHNLVGREGCKKGICTMVINNHDMTCSFSSLGIQCVRKDI EESLKLREMIKVDPYRTGFDHR
DmDorsal 89: I E I VGYKGR AVVVVSCVTRDTP- YRPHPHNLVGREGCKKGVCTEINSETMRAVFSNLGIQCVKKDI EAALKAREEIRVDPFKTGFSHR
AgGambif 90: IQVHG YRGR AVVVVSCVTKEGPEHKPHPHNLVGREGCKKGVCTEINSTTMSYTFNNLGIQCVKKDI VEALRLRQETRVDPFRTGFGHA

Rel Homology Domain 1

CrNFκB 151: LOTSNIIDLNVVRLCFQVFL EGPQQGKYIVPLPPVVSDFIFDKKAI CEETINKLSHYSA P VCGSEVILLCDKVAKDDIKVRFYEEERAGRV
DmDorsal 178: FOPSSIDLNSVRLCFQVFM ESECKGRFTSPLPPVVSDFIFDKKAMSDLVICRLCSCSATVFGNTQIILLCEKVAKEDI SVRFYEEKNGQS
AgGambif 180: KEPGSIIDLNAVRLCFQVFL EGOQRGRFTSPLPPVVSDFIHYDKKAMSDLVICRLSDCTAPVSGKEIILLCEKVKVDEIKVRFYEEKGNAT

CrNFκB 241: EWESFGEFHPNEVHKQVAIPFRTPRYRDENVQCHIPVFTQLMRPSDGSSSDPRPFOLLPPVNRDPEGLSRKRQKIEDG-----
DmDorsal 268: WBEAFGDFQHTDVHKQVAITFFKTPRYHTLDITEPAKVFTQLRRPSDGVTS EALPFEYVPMDS PAHLRKRKQKTTGGD-----
AgGambif 270: VWENMAEF SHTDVHKQVAISFRTEPPYRTDIDISDEVRV FVQLERPSDNTYSEARDFQFTPLDIT--VDLRRKRQKLTGSSNVFLPVVTAPLP

Rel Homology Domain 2

NLS

CrNFκB 318: -----CLDRFLKENIFGAARDAGGPLTP-----HTIPRTIKQATRIVLKPETVLEGKSNMPPELFLQ-----ESQL
DmDorsal 345: ----PMHLLQQQKQQLQNDHQDGRQTMNM----CWNTQNIPIKTEPRDTSQPQFGLSYRAPPELTPSPQPLSPSSNYNHNSTSPY
AgGambif 358: GPSPPSSLGMPGNIPNLSQLDATGGQSASTSGLPRGIYTYHNASAFQMPKKEIKNEPGDSPSHNPSNQYQLPMQP-MFTAQSTS PGD

CrNFκB 379: PHLPVFTP-----ELRACAT--SGGVVTVGVASTVTTCSGLSATSIVEHLDVRG-----
DmDorsal 426: NMASAVTPTNGQQQLMSPNHP----QQQQQQQYCAT--DLGSNYNPFQQVLAQQQHQHQHQHQHQ--QQQQQQQQQQQ
AgGambif 447: RSPATLTPSPGIGGPI SPLDPGNVTPPPAYTTLGGTGGTMGNLFGQFGTGFSAATQPNASVPMFTNLPGPSNGWQVPVPSHTQNGPS

Polyglutamine, polyalanine or polyasparagine region

CrNFκB 426: LCSPPFYPI-----TLLSTASSQDILAIATKQVS-----SIPKSEPSVVLGHQSAEMSLEETTEKLDLSDLG--EPLDIIQILDYGET
DmDorsal 507: QSLQFHANPFGNPGGNSWESKFSAAA VAAAAATG AAPANGNSNNLSN LNNPFTMHNLLTSGGGPGNANNLQWNLT TNHLLHQHTLHCQ
AgGambif 537: QPQPQQQNPFNLLNFGILPLATGDPLMAMSTANTN----NQPNVGGPPLGSDFYMNLDLANLDPVFNSSERSVLGLSLSTLNLNRLEOT

CrNFκB 502: GNLS--LNLSQLSFLDSGNLNPVSNMLVATSV DYMNSTNS-----FSFLQNELETLN-----VLCKSRSTNEST-----
DmDorsal 597: QQQQQQQQYDNTAPTNNNANNNNNNNNTAGNQADNNGPTLSNLLSFDLGLVHNLNSEDQIILRLNSEDLQISNLSIST
AgGambif 622: ANVQTSGGN-YQQHSA SNQQQAIKALLATQQLQ-QQQQQQQQQQQQQQGGVGGADRINDDED--LTD SFTKLS TNDLN---