

Alignment of cyclin motif from B- and B3-type cyclins

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H31G24          FNC--MAEDIYNYLVHHEKKYVLDDSFING--GNVNSKMRRILVDWLQVHLRFHLLTPET
Y43E12A        LNCIAMAEDIYNYLVHHEKKYVLDDSFING--GNVNSKMRRILVDWLQVHLRFHLLTPET
ZC168          TKCLAMADDIYKYLHVHHEKKYLLEECFMEG--GEPKPKMRRILVDWLQVHVRFHLLTPET
Chicken B2     QLCSDYVKDIYLYLRQLELQSVRPHYLDGKT--INGRMRAILVDWLQVHRSRQQLLQET
Human B2       QLCSDYVKDIYQYLRQLEVLQVINPHFLDGRD--INGRMRAILVDWLQVHRSRQQLLQET
Xenopus B2     QLCSDYVMDIYNYLKQLEVVQSVHPHYLDGKE--INERMRAILVDWLQVHRSRQQLLQET
Xenopus B5     QLCADYVKDIYSYLRQLEVVQAVRPRHLQGMG--INDRMRAILVDWLQVHLKQQLLQET
O. latipes B2  QLCSEQYVKDIYKYLHILEEQQVVRANYMQGYE--VTERMRALLVDWLQVHRSRQQLLQET
Human B1       MLCSEYVKDIYAYLRQLEEEQAVRPKYLLGRE--VTGNMRAILIDWLQVQMKFRLLQET
Xenopus B1     MLCSEYVKDIYAYLRSLQLEDAQAVRQNYLHGQE--VTGNMRAILIDWLQVQMKFRLLQET
Zebra fish B1  MLCSEYVKDIYLYLRQLETEQAVRPKYLAGKE--VTGNMRAILIDWLQVQIKFRLLQET
O. latipes B1  MLCSEYVKDIYKYLRLQLEMEQSVKPNYLEGQE--ITGNMRAILIDWLQVGLKFRLLQET
Xenopus B4     MLCSDYVKDIYCYLRNLEAEQAIGPHYLDGQE--INGNMRAILVDWLQVQLRFKLLQET
Limpet B       QLVSDYVNDIYHYMRHLEETFVAVKANFLEGQE--VTGKMRSILIDWLQVHHRFHLLQET
Clam B         QLVSEYVNDIYDYMRLDLEKYPYIRHNYLENQE--ITGKMRAILIDWLQVHHRFHLLQET
Sea urchin B  QLCSEYAKDIYLYLRRLEVEEMVVPANYLDRQETQITGRMRLILVDWLQVHLRFHLLQET
Starfish B     QLCSEFVNDIYQYMRKLEREFKVRDYMTIQE--ITERMRSILIDWLQVHLRFHLLQET
Silkworm B     LLMSMYIKDIYKYLTELEEKYSIEPDHLKQK-TVITGKMRAILIDWLVEVQRQFSLVLET
Drosophila B   VLVSEYVNDIYDYLQVLELQPIHKDHLAQG-KEVSHKMRAVLIDWINEVHLQFHLAET
Chicken B3     YANAAYAKEIFDYMREREKFLLL-PDYME-KQSDISRDMRAILVDWMVEVQENFELNHET
Xenopus B3     FSNSEYATDIFSYMRDREEKFLLL-PNYLE-MQTDISKDMRAILVDWMVEVQENFELNHET
Human B3       SFNPMYAKEIFSVMKEREQFILL-TDYMN-RQIETITSDMRAILVDWLVEVQVSEFEMTHET
Drosophila B3 FQVSHYAMDIFNYLKVREAEFPI-ADYMP-RQIHLTVMRMTLLVDWMVEVQETFEELNHET
C. elegans B3 DSISDYAQGIFDYRHRREVHFRV-RKYLH-KHPEVDVKTRAILIDWVVEIQETFEELNHET
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H31G24          LHLTIFVLDRIIVKN-IVSKAEFQLLGVAALFVASKFEDIYLPDILEYELITENTFSKKQ
Y43E12A        LHLTIFVLDRIIVKN-IVSKAEFQLLGVAALFVASKFEDIYLPDILEYEMITDNTFSKKQ
ZC168          LHLTVFILDRLMLQKK-VTSKADLQLLGISAMFVASKFEEVYLPDIHDYEFITENTYSKKQ
Chicken B2     LYMCVAVMDRFLQSHQ-VPRKRLQLVGVTTALLLASKYEEMYSPIADVFYITDNAYNSAE
Human B2       LYMCVGMIDRFLQVQP-VSRKRLQLVGITALLLASKYEEMFSPNIEDVFYITDNAYTSSQ
Xenopus B2     LYMGVAIMDRFLQVQP-VSRKRLQLVGVTSLLIASKYEEMYPPEVADVFYITDNAYTASQ
Xenopus B5     LYMAIAIMDRFLQVQP-ISRSKRLQLVGVTSLFIASKYEEMYPPEISDFVYITDNAYSKTQ
O. latipes B2  LYLTVAAILDRFLQVHP-VSRRKRLQLVGVTTAMLVACKYEEMYPPEVADVFYITDNAYTKSQ
Human B1       MYMTVSIIDRFMQNNC-VPKMLQLVGVTTAMFIASKYEEMYPPEIGDFAFVTTDNTYTKHQ
Xenopus B1     MFMTVGIIDRFLQVHP-VPKMLQLVGVTTAMFLAAKYEEMYPPEIGDFTFVTTDNTYTKAQ
Zebra fish B1  MYMTVAIIDRFLQVHP-VPKMLQLVGVTTAMFIASKYEEMYPPEIADFAFVTTDRAYTTSQ
O. latipes B1  MYMTVGIIDRFLQVHP-VPKMLQLVGVTTAMFLAAKYEEMYPPEISDFAYVTTDRAYTTAQ
Xenopus B4     MSMTVSIIDRFLQVHP-VPKMLQLVGVTTAMFLAAKYEEMYPPEIGDFVYITDNAYTKSQ
Limpet B       LYLTVSIIDRFLQVHP-ISRNKRLQLVGVTSMLLASKYEEMYPPEVADVFYITDNAYTKAD
Clam B         LYLTVAIIDRLLQVESP-VPRNKLQLVGVTSMLIASKYEEMYPPEVADVFYITDNAYTKKE
Sea urchin B  LFLTQVQILDRFLAEHS-VSKGKLQLVGVTTAMFIASKYEEMYPPEINDVFYITDNAYTKAQ
Starfish B     LFLTQVQILDRFLAEHS-VSKGKLQLVGVTSMLIASKYEEMYPPEIGDFVYITDNAYTKAQ
Silkworm B     FHLTVGIIDRYLQVVPNVQRNQLQLVGVTTAMFIASKYEEMYPPEIADFAFVTTDRAYTTSQ
Drosophila B   FQLAVAIIDRYLQVVKDTKRTYLQLVGVTTALFIATKYEELFPPAIGDFVYITDDTYTARQ
Chicken B3     LYLAVKLVLDHYLVEVV-SMRDKLQLIGSTAVLIASKFEERCPCPVDDFLYICDDAYKREE
Xenopus B3     LYLAVKLVLDHYLVEVV-SMRDKLQLIGSTAVLIASKFEERCPCPVDDFLYICDDAYKREE
Human B3       LYLAVKLVLDHYLVEVV-SMRDKLQLIGSTAVLIASKFEERCPCPVDDFLYICDDAYKREE
Drosophila B3 LYLAVKLVLDHYLVEVV-SMRDKLQLIGSTAVLIASKFEERCPCPVDDFLYICDDAYKREE
C. elegans B3 LYNAVKLVLDHYLVEVV-SMRDKLQLIGSTAVLIASKFEERCPCPVDDFLYICDDAYKREE
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