<html><head><style type="text/css"></style></head><body><pre style="word-wrap: break-word; white-space: pre-wrap;">CLUSTAL 2.1 multiple sequence alignment</pre></body></html>		
humanDNM2 mouseDNM2 zebrafishDNM2	MGNRGMEELIPLVNKLQDAFSSIGQSCHLDLPQIAVVGGQSAGKSSVLENFVGRDFLPRG MGNRGMEELIPLVNKLQDAFSSIGQSCHLDLPQIAVVGGQSAGKSSVLENFVGRDFLPRG MGNRGMEDLIPLINKLQDAFSSIGQSCNLELPQIAVVGGQSAGKSSVLENFVGRDFLPRG ******:******************************	60
humanDNM2 mouseDNM2 zebrafishDNM2	SGIVTRRPLILQLIFSKTEHAEFLHCKSKKFTDFDEVRQEIEAETDRVTGTNKGISPVPI SGIVTRRPLILQLIFSKTEYAEFLHCKSKKFTDFDEVRQEIEAETDRVTGTNKGISPVPI SGIVTRRPLILQLVNSKAEYAEFLHCKGRKFVDFDEVRMEIEAETDRITGSNKGISAVPI ************************************	120
humanDNM2 mouseDNM2 zebrafishDNM2	NLRVYSPHVLNLTLIDLPGITKVPVGDQPPDIEYQIKDMILQFISRESSLILAVTPANMD NLRVYSPHVLNLTLIDLPGITKVPVGDQPPDIEYQIKDMILQFISRESSLILAVTPANMD NLRVYSPNVLNLTLIDLPGMTKVAVGDQPQDIEYQIRDMLMQFISKENCLILAVTPANMD ******:******************************	180
humanDNM2 mouseDNM2 zebrafishDNM2	LANSDALKLAKEVDPQGLRTIGVITKLDLMDEGTDARDVLENKLLPLRRGYIGVVNRSQK LANSDALKLAKEVDPQGLRTIGVITKLDLMDEGTDARDVLENKLLPLRRGYIGVVNRSQK LANSDALKISKEVDAQGLRTIGVITKLDLMDEGTDARDILENKLLPLRRGYIGVVNRSQK *******::****.************************	240
humanDNM2 mouseDNM2 zebrafishDNM2	DIEGKKDIRAALAAERKFFLSHPAYRHMADRMGTPHLQKTLNQQLTNHIRESLPALRSKL DIEGKKDIRAALAAERKFFLSHPAYRHMADRMGTPHLQKTLNQQLTNHIRESLPTLRSKL DIDGRKDIRAALAAERKFFLSHPAYRHMAERMGTPYLQKTLNQQLTNHIRDTLPALRSKL **:*:********************************	300
humanDNM2 mouseDNM2 zebrafishDNM2	QSQLLSLEKEVEEYKNFRPDDPTRKTKALLQMVQQFGVDFEKRIEGSGDQVDTLELSGGA QSQLLSLEKEVEEYKNFRPDDPTRKTKALLQMVQQFGVDFEKRIEGSGDQVDTLELSGGA QSQLLSLEKEVEEYKNFKPDDPARKTKALLQMVQQFGVDFEKRIEGSGDQVDTLELSGGA ***********************************	360
humanDNM2 mouseDNM2 zebrafishDNM2	RINRIFHERFPFELVKMEFDEKDLRREISYAIKNIHGVRTGLFTPDMAFEAIVKKQIVKL RINRIFHERFPFELVKMEFDEKDLRREISYAIKNIHGVRTGLFTPDLAFEAIVKKQVVKL RINRIFHERFPFELVKMEFDEKELRREISYAIKNIHGVRTGLFTPDLAFEAIVKQQIVKL ************************************	420
humanDNM2 mouseDNM2 zebrafishDNM2	KEPSLKCVDLVVSELATVIKKCAEKLSSYPRLREETERIVTTYIREREGRTKDQILLLID KEPCLKCVDLVIQELISTVRQCTSKLSSYPRLREETERIVTTYIREREGRTKDQILLLID KEPCLKCVDLVVSELATLIHKGTEKLNSYPRLREETERIVTTHVRERESKTKEQVMLLID ***.*******:.**:::::::****************	480
humanDNM2 mouseDNM2 zebrafishDNM2	<pre>IEQSYINTNHEDFIGFANAQQRSTQLNKKRAIPNQGEILVIRRGWLTINNISLMKGGSKE IEQSYINTNHEDFIGFANAQQRSTQLNKKRAIPNQGEILVIRRGWLTINNISLMKGGSKE IELSYINTNHEDFIGFANAQQRSAAVTKKRAVPNQVIRRGWLTIN-ISIMKGGSKD ** **********************************</pre>	540
humanDNM2 mouseDNM2 zebrafishDNM2	YWFVLTAESLSWYKDEEEKEKKYMLPLDNLKIRDVEKGFMSNKHVFAIFNTEQRNVYKDL YWFVLTAESLSWYKDEEEKEKKYMLPLDNLKIRDVEKGFMSNKHVFAIFNTEQRNVYKDL YWFVLTAESLSWYKDEEEKEKKFMLPLDNLKLRDVEKSFMSNKHTFGIFNTEQRNVYKDL ************************************	600
humanDNM2 mouseDNM2 zebrafishDNM2	RQIELACDSQEDVDSWKASFLRAGVYPEKDQAENEDGAQENTFSMDPQLERQVETIRNLV RQIELACDSQEDVDSWKASFLRAGVYPEKDQAENEDGAQENTFSMDPQLERQVETIRNLV RQIELACATQEDVDSWKASFLRAGVYPEKDQVENGD-VSADSLSMDPQLERQVETIRNLV ****** :******************************	660
humanDNM2	DSYVAIINKSIRDLMPKTIMHLMINNTKAFIHHELLAYLYSSADQSSLMEESADQAQRRD	720

mouseDNM2	DSYVAIINKSIRDLMPKTIMHLMINNTKAFIHHELLAYLYSSADQSSLMEESAEQAQRRD 720
zebrafishDNM2	DSYISIVNKSIRDLMPKTIMHLMINSAKEFIYSELLAYLYSSGDQNSLMEESAEQEQRRD 714 ***:*:*******************************
humanDNM2	DMLRMYHALKEALNIIGDISTSTVSTPVPPPVDDTWLQSASSHSPTPQRRPVS-SIHPPG 779
mouseDNM2	DMLRMYHALKEALNIIGDISTSTVSTPVPPPVDDTWLQNTSGHSPTPQRRPVS-SVHPPG 779
zebrafishDNM2	EMLRMYNALKEALKIIGDISTSTITTPVPAPVDDTWIHTDPSPPSQRKPSGGSAPPPG 772

humanDNM2	RPPAVRGPTPGPPLIPVPVGAAASFSAPPIPSRPGPQSVFANSDLFPAPPQIPSRPVRIP 839
mouseDNM2	RPPAVRGPTPGPPLIPMPVGATSSFSAPPIPSRPGPQSVFANNDPFSAPPQIPSRPARIP 839
zebrafishDNM2	RPPAVRGPTPGAPAQP-PLNPSPAFGAPPVPSRPTTLEPAVAPPPQVPSRPARVP 826

humanDNM2	PGIPPGVPSRRPPAAPSRPTIIRPAEPSLLD 870
mouseDNM2	PGIPPGVPSRRAPAAPSRPTIIRPAEPSLLD 870
zebrafishDNM2	PTVPPGIP-RRPPAAPNRPTIIRPTEPSLLD 856
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