

**A**

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<i>C. elegans</i> DDR-2	24	ECSHQLGMSNRKIRDEQISASSSFDLQSTGPQHARAHQESGSGAWCPKNQINSLS-KEWLQISFSVDTVITSVETQGRFD
Human DDR2	29	ICRYPLGMSGGQIPDEDITASSQWS-ESTAAKYGRLDSEEGDGAWCPEIPVEPDDLKEFLQIDLHTLHFITLVGTQGRHA
<i>C. elegans</i> DDR-2	103	DGRGMEYATAFKIQYWRPSLNAWASYKDDFELETIPANNDTEHAIRRHLDRAIIARRIRIVPVSNSSTRVCMRVEVFGCP
Human DDR2	108	GGHGIEFAPMYKINYSRDG-TRWISWRNRHGKQVLDGNSNPYDIFLKDLEPPIVARFVRFIPVTDHSMNVCMRVELYGCV
<i>C. elegans</i> DDR-2	188	FDDSLVFYN---VDQGDLOSG-ISY-HDFSYDGNLANSPLHTGGIGKLYDGEVKGNNVFNH--HKW-----VGWRRKR-
Human DDR2	187	WLDGLVSYNAPAGQQFVLPGGSI IYLNDSVYDGA VGYS--MTEGLGQLTDGVSGLDDFTQTHEYHVWPGYDYVGWRNESA
<i>C. elegans</i> DDR-2	255	-NGNVKLAFEFSELRNISGILIHTSNEFKKSAKAFSSATVLF SINGKDFSDTIVHFNNPEDTESEVPRWIRIPVNNRIAK
Human DDR2	265	TNGYIEIMFEFDRIRNFTTMKVHCNNMFAKGVKIFKEVQCYRSEASEWEPNAISFPLVLDDVNPSARFVTVPLHHRMAS
<i>C. elegans</i> DDR-2	334	VAKIRLNFGTDSDWLFISEVNFESNH
Human DDR2	345	AIKCQYHF-ADT-WMMFSEITFQSDA

**B**

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<i>C. elegans</i> DDR-2	532	LICVSRIGQGEFGEVDLCQLENRK-----VAVKKLHGISOADEFS-FHREIRVLGSLKHPNVV
Human DDR2	567	LTFKEKLGEGQFGEVHLCVEVEGMEKFKDKDFALDVSANQPVLVAVKMLRADANKNARNDFLKEIKIMSRLKDPNII
<i>C. elegans</i> DDR-2	589	EVVGVCTIQKPILC-IMEYMENGLKSYILK-NPTIQTSQCI-SIC-TQL-----AAGLAYLESCNFVHRDIAA
Human DDR2	643	HLLAVCITDDP-LCMITEYMENGLNQLFSRHEPPNSSSSDVRTVSYTNLKFMTQIASGMKYLSSLNLFVHRDLAT
<i>C. elegans</i> DDR-2	654	RNCLVDGEGNVKIADFGMARSLYSQEYYKVEGKFVLP IRWMAWEALLGKFSTASDVWGFVGMWEIFSLCSEKPY
Human DDR2	718	RNCLVGKNYTIKIADFGMSRNLYSGDY YRIQGRAVLP IRWMSWESILLGKFTTASDVWAFGVTLWETFTFCQEQPY
<i>C. elegans</i> DDR-2	730	SDMTDDDVVENLQSMSSTGSLKQVLSRPRMCP SKLYNEQILPCWNYESSRRPSFENVHLHL
Human DDR2	794	SQLSDEQVIENTGEFFRDQGRQTYLPQPAICPDSVYK-LMLSCWRRDTKNRPSFOEIHLLL