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CLUSTAL 2.1 multiple sequence alignment


humanDHCR7        -MAAKSQPNIPKAKSLDGVTNDRTASQ--GQWGRAWEVDWFSLASVIFLLLFAPFIVYYF 57
mouseDHCR7        -MASKSQHNAPKVKSP----NGKAGSQ--GQWGRAWEVDWFSLASIIFLLLFAPFIVYYF 53
zebrafishDHCR7   MMASDRVRKRHKGSANGAQTVEKEPSKEPAQWGRAWEVDWFSLSGVILLLCFAPFLVSFF 60
                  **:.   :  * .:          :    *: .*************:.:*:** ****:* :*

humanDHCR7       IMACDQYSCALTGPVVDIVTGHARLSDIWAKTPPITRKAAQLYTLWVTFQVLLYTSLPDF 117
mouseDHCR7       IMACDQYSCSLTAPALDIATGHASLADIWAKTPPVTAKAAQLYALWVSFQVLLYSWLPDF 113
zebrafishDHCR7   IMACDQYQCSISHPLLDLYNGDATLFTIWNRAPSFTWAAAKIYAIWVTFQVVLYMCVPDF 120
                 *******.*:::  * :*: .*.* *   ** ::*..*   **::*::**:***:**   :***

humanDHCR7       CHKFLPGYVGGIQEGAVTPAGVVNKYQINGLQAWLLTHLLWFANAHLLSWFSPTIIFDNW 177
mouseDHCR7       CHRFLPGYVGGVQEGAITPAGVVNKYEVNGLQAWLITHILWFVNAYLLSWFSPTIIFDNW 173
zebrafishDHCR7   LHKILPGYVGGVQDGARTPAGLINKYEVNGLQCWLITHVLWVLNAQHFHWFSPTIIIDNW 180
                  *:.*******:*:** ****::***::****.**:**:**. **   :  *******:***

humanDHCR7       IPLLWCANILGYAVSTFAMVKGYFFPTSARDCKFTGNFFYNYMMGIEFNPRIGKWFDFKL 237
mouseDHCR7       IPLLWCANILGYAVSTFAMIKGYLFPTSAEDCKFTGNFFYNYMMGIEFNPRIGKWFDFKL 233
zebrafishDHCR7   IPLLWCTNILGYAVSTFAFIKAYLFPTNPEDCKFTGNMFYNYMMGIEFNPRIGKWFDFKL 240
                 ******:***********::*.*:***...*******:**********************

humanDHCR7       FFNGRPGIVAWTLINLSFAAKQRELHSHVTNAMVLVNVLQAIYVIDFFWNETWYLKTIDI 297
mouseDHCR7       FFNGRPGIVAWTLINLSFAAKQQELYGHVTNSMILVNVLQAIYVLDFFWNETWYLKTIDI 293
zebrafishDHCR7   FFNGRPGIVAWTLINLSYAAKQQELYGYVTNSMILVNVLQAVYVVDFFWNEAWYLKTIDI 300
                 *****************:****:**:.:***:*:*******:**:******:*********

humanDHCR7       CHDHFGWYLGWGDCVWLPYLYTLQGLYLVYHPVQLSTPHAVGVLLLGLVGYYIFRVANHQ 357
mouseDHCR7       CHDHFGWYLGWGDCVWLPYLYTLQGLYLVYHPVQLSTPNALGILLLGLVGYYIFRMTNHQ 353
zebrafishDHCR7   CHDHFGWYLGWGDCVWLPFLYTLQGLYLVYNPIQLSTPHAAGVLILGLVGYYIFRVTNHQ 360
                 ******************:***********:*:*****:*  *:*:***********::***

humanDHCR7       KDLFRRTDGRCLIWGRKPKVIECSYTSADGQRHHSKLLVSGFWGVARHFNYVGDLMGSLA 417
mouseDHCR7       KDLFRRTDGRCLIWGKKPKAIECSYTSADGLKHHSKLLVSGFWGVARHFNYTGDLMGSLA 413
zebrafishDHCR7   KDLFRRTEGNCSIWGKKPTFIECSYQSADGAIHKSKLMTSGFWGVARHMNYTGDLMGSLA 420
                 *******:*.* ***:**. ***** ****   *:***:.**********:**.********

humanDHCR7       YCLACGGGHLLPYFYIIYMAILLTHRCLRDEHRCASKYGRDWERYTAAVPYRLLPGIF 475
mouseDHCR7       YCLACGGGHLLPYFYIIYMTILLTHRCLRDEHRCANKYGRDWERYTAAVPYRLLPGIF 471
zebrafishDHCR7   YCLACGGNHLLPYFYIIYMTILLVHRCIRDEHRCSNKYGKDWERYTAAVSYRLLPNIF 478
                 *******.***********:***.***:******:.***:*********.*****.**
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