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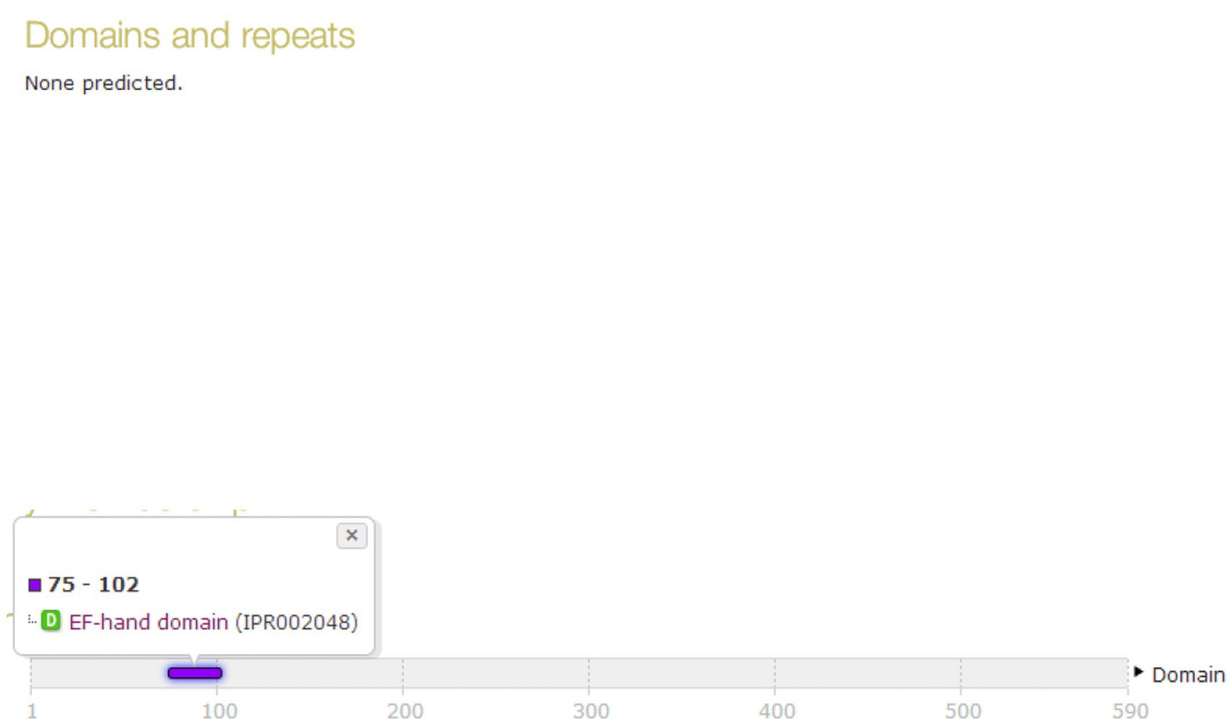
>NP_001108444.1 selenoprotein N precursor [Gallus gallus]
MAVPGAAPSRLALALAALAALAAVKYYRDAEAARQQELALKSLGSEGL
FLFSSLDTNNDLYLSPEEFKPIAEKLTGVTPVSDFEEDAPDPNGETLSIV
AKFQPLVMETMTKSKDGFLGISHVALSGLRNWTAPVSPKSVMLARQFK
AFLPPKNKLDLGDPWWIIPSELNIFTGYLSNNRFYPPPPKGKEIIIHRLLS
MFHPRPFVKTRFAPQGSVACIQAISTYYYTIAFRIHAEFQLNEPPDFPF
WFSPGQFTGYIVLSKDSSHVREFKLFVPNKRSLNVDMEWLYGASEGS
NMEVDIGYLPQMELESTGPSVPSVIYDENGNVIDSRDPSGEPIQFVFE
EITWQQEIPWEEAAQKLEVAMYPFKKVSYLPFTEAFERAKAEKKLVHSI
LLWGALDDQSCUGSGRTLRETVLESSPILALLNESFISSWSLVKELEEL
QTNRENEFYSKLADLHLEKYNFPVEMIICLPNGTVIHHINANYFLDITSM
KPEDVESSIFSFSANFDDPSTATYLQFLKEGLQRAKAYLQN

>NP_996809.1 selenoprotein N isoform 2 precursor [Homo sapiens]
MGRARPGQRGPPSPGPAAQPPAPPRRRARSLALLGALLAAAAAAAVR
VCARHAEAQAAARQELALKTLGTDGLFLFSSLDTDGDMYISPEEFKPIA
EKLTGSTPAASCEEEELPPDPSEETLTIEARFQPLLPETMTKSKDGFLG
VSRLALSGLRNWTAAASPSAVFATRHFQPFLPPPGQELGEPWWIIPSE
LSMFTGYLSNNRFYPPPPKGKEVIIHRLLSMFHPRPFVKTRFAPQGAVA
CLTAISDFYYTVMFRIHAEFQLSEPPDFPFWFSPAQFTGHIILSKDATHV
RDFRLFVPNHRSLNVDMEWLYGASESSNMEVDIGYIPQMELEATGPS
VPSVILDEDGSMIDSHLPSGEPLQFVFEEIKWQQELSWEEAARRLEVA
MYPFKKVSYLPFTEAFDRAKAENKLVHSILLWGALDDQSCUGSGRTLR
ETVLESSPILTLLNESFISTWSLVKELEELQNNQENSSHQKLAGLHLEK
YSFPVEMMICLPNGTVVHHINANYFLDITSVKPEEIESNLFSFSSTFEDP
STATYMQFLKEGLRRGLPLLQP

>NP_996809.1 selenoprotein N isoform 2 precursor [Homo sapiens]
MGRARPGQRGPPSPGPAAQPPAPPRRRARSLALLGALLAAAAAAAVR
VCARHAEAQAAARQELALKTLGTDGLFLFSSLDTDGDMYISPEEFKPIA
EKLTGSTPAASCEEEELPPDPSEETLTIEARFQPLLPETMTKSKDGFLG
VSRLALSGLRNWTAAASPSAVFATRHFQPFLPPPGQELGEPWWIIPSE
LSMFTGYLSNNRFYPPPPKGKEVIIHRLLSMFHPRPFVKTRFAPQGAVA
CLTAISDFYYTVMFRIHAEFQLSEPPDFPFWFSPAQFTGHIILSKDATHV
RDFRLFVPNHRSLNVDMEWLYGASESSNMEVDIGYIPQMELEATGPS
VPSVILDEDGSMIDSHLPSGEPLQFVFEEIKWQQELSWEEAARRLEVA
MYPFKKVSYLPFTEAFDRAKAENKLVHSILLWGALDDQSCUGSGRTLR
ETVLESSPILTLLNESFISTWSLVKELEELQNNQENSSHQKLAGLHLEK
YSFPVEMMICLPNGTVVHHINANYFLDITSVKPEEIESNLFSFSSTFEDP
STATYMQFLKEGLRRGLPLLQP



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NP_001108444.1  ------------MAVPGAAPSRLALALAAL----------AALAAVKYYRDAEAARQ
NP_065184.2     MGRARPGQRGPPSPGPAAQPPAPPRRRARSLALLGALLAAAAAAAVRVCARHAEAQAAAR
NP_996809.1     MGRARPGQRGPPSPGPAAQPPAPPRRRARSLALLGALLAAAAAAAVRVCARHAEAQAAAR
                             * *  * * * :** *          **: .   : :*:** :

NP_001108444.1  QELALKSLGSEGLFLFSSLDTNNDLYLSPEEFKPIAEKLTGVTPVS-------------
NP_065184.2     QELALKTLGTDGLFLFSSLDTDGDMYISPEEFKPIAEKLTGSCSVTQTGVQWCSHSSLQP
NP_996809.1     QELALKTLGTDGLFLFSSLDTDGDMYISPEEFKPIAEKLTGS--------------------
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NP_001108444.1  ------------------------------------------------------------
NP_065184.2     QLPWLNUSSCLSLLRSTPAASCEEEELPPDPSEETLTIEARFQPLLPETMTKSKDGFLGV
NP_996809.1     ------------TPAASCEEEELPPDPSEETLTIEARFQPLLPETMTKSKDGFLGV

NP_001108444.1  SHVALSGLRNWTAPVSPKSVMLARQFKAFLPPKNKLDLGDPWWIIPSELNIFTGYLSNNR
NP_065184.2     SRLALSGLRNWTAAASPSAVFATRHFQPFLPPPG-QELGEPWWIIPSELSMFTGYLSNNR
NP_996809.1     SRLALSGLRNWTAAASPSAVFATRHFQPFLPPPG-QELGEPWWIIPSELSMFTGYLSNNR
                *:::**********  .**.:*:  ****  .   :**:*********.:*********

NP_001108444.1  FYPPPPKGKEIIIHRLLSMFHPRPFVKTRFAPQGSVACIQAISTYYYTIAFRIHAEFQLN
NP_065184.2     FYPPPPKGKEVIIHRLLSMFHPRPFVKTRFAPQGAVACLTAISDFYYTVMFRIHAEFQLS
NP_996809.1     FYPPPPKGKEVIIHRLLSMFHPRPFVKTRFAPQGAVACLTAISDFYYTVMFRIHAEFQLS
                ************:*********: *** :***: *********.

NP_001108444.1  EPPDFPFWFSPGQFTGYIVLSKDSSHVREFKLFVPNKRSLNVDMEWLYGASEGSNMEVDI
NP_065184.2     EPPDFPFWFSPAQFTGHIILSKDATHVRDFRLFVPNHRSLNVDMEWLYGASESSNMEVDI
NP_996809.1     EPPDFPFWFSPAQFTGHIILSKDATHVRDFRLFVPNHRSLNVDMEWLYGASESSNMEVDI
                ************.****:*:**:***:*:*****:*********************.*******

NP_001108444.1  GYLPQMELESTGPSVPSVIYDENGNVIDSRDPSGEPIQFVFEEITWQQEIPWEEAAQKLE
NP_065184.2     GYIPQMELEATGPSVPSVILDEDGSMIDSHLPSGEPLQFVFEEIKWQQELSWEEAARRLE
NP_996809.1     GYIPQMELEATGPSVPSVILDEDGSMIDSHLPSGEPLQFVFEEIKWQQELSWEEAARRLE
                **:*******:********** *:*:*:***: ********:*****: *****:::**

NP_001108444.1  VAMYPFKKVSYLPFTEAFERAKAEKKLVHSILLWGALDDQSCUGSGRTLRETVLESSPIL
NP_065184.2     VAMYPFKKVSYLPFTEAFDRAKAENKLVHSILLWGALDDQSCUGSGRTLRETVLESSPIL
NP_996809.1     VAMYPFKKVSYLPFTEAFDRAKAENKLVHSILLWGALDDQSCUGSGRTLRETVLESSPIL
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NP_001108444.1  ALLNESFISSWSLVKELEELQTNRENEFYSKLADLHLEKYNFPVEMIICLPNGTVIHHIN
NP_065184.2     TLLNESFISTWSLVKELEELQNNQENSSHQKLAGLHLEKYSFPVEMMICLPNGTVVHHIN
NP_996809.1     TLLNESFISTWSLVKELEELQNNQENSSHQKLAGLHLEKYSFPVEMMICLPNGTVVHHIN
                :*********:**********.:*:**.  :.***.******.*****:*********:****

NP_001108444.1  ANYFLDITSMKPEDVESSIFSFSANFDDPSTATYLQFLKEGLQRAKAYLQN
NP_065184.2     ANYFLDITSVKPEEIESNLFSFSSTFEDPSTATYMQFLKEGLRRGLPLLQP
NP_996809.1     ANYFLDITSVKPEEIESNLFSFSSTFEDPSTATYMQFLKEGLRRGLPLLQP
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