

AB590828.1	QSQGAGQHLY	KDLQPFILLR	LLMPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
NM_001017963.3	QSQGAGQHLY	KDLQPFILLR	LLMPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
NM_001195667.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
NM_001283939.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
NM_005348.4	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_003902284.4	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_004262408.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_008064080.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_008578886.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_008959109.2	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_011951441.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_011991599.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_012084012.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_012471221.2	-----	-----	--MPEETHQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_012746310.2	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_016925810.2	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_017528088.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_017892251.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_019952219.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_022576061.2	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_023205645.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_024131038.2	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_024231797.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_024759334.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_025390940.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_027120596.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_029237862.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_030883350.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_030930159.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_031001957.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI

AB590828.1	NLIPNKQDRT	LTIVDTGIGM	TKADLINNLG	TIAKSGTKAF	MEALQAGADI	SMIGQFGVGF	YSAYLVAEKV	TVITKHNDDE	QYAWESSAGG	SFTVRTDTGE
NM_001017963.3	NLIPNKQDRT	LTIVDTGIGM	TKADLINNLG	TIAKSGTKAF	MEALQAGADI	SMIGQFGVGF	YSAYLVAEKV	TVITKHNDDE	QYAWESSAGG	SFTVRTDTGE
NM_001195667.1	NLIPNKQDRT	LTIVDTGIGM	TKADLINNLG	TIAKSGTKAF	MEALQAGADI	SMIGQFGVGF	YSAYLVAEKV	TVITKHNDDE	QYAWESSAGG	SFTVRTDTGE
NM_001283939.1	NLIPNKQDRT	LTIVDTGIGM	TKADLINNLG	TIAKSGTKAF	MEALQAGADI	SMIGQFGVGF	YSAYLVAEKV	TVITKHNDDE	QYAWESSAGG	SFTVRTDTGE
NM_005348.4	NLIPNKQDRT	LTIVDTGIGM	TKADLINNLG	TIAKSGTKAF	MEALQAGADI	SMIGQFGVGF	YSAYLVAEKV	TVITKHNDDE	QYAWESSAGG	SFTVRTDTGE
XM_003902284.4	NLIPNKQDRT	LTIVDTGIGM	TKADLINNLG	TIAKSGTKAF	MEALQAGADI	SMIGQFGVGF	YSAYLVAEKV	TVITKHNDDE	QYAWESSAGG	SFTVRTDTGE
XM_004262408.1	NLIPNKQDRT	LTIVDTGIGM	TKADLINNLG	TIAKSGTKAF	MEALQAGADI	SMIGQFGVGF	YSAYLVAEKV	TVITKHNDDE	QYAWESSAGG	SFTVRTDTGE
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XM_008959109.2	NLIPNKQDRT	LTIVDTGIGM	TKADLINNLG	TIAKSGTKAF	MEALQAGADI	SMIGQFGVGF	YSAYLVAEKV	TVITKHNDDE	QYAWESSAGG	SFTVRTDTGE
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XM_011991599.1	NLIPNKQDRT	LTIVDTGIGM	TKADLINNLG	TIAKSGTKAF	MEALQAGADI	SMIGQFGVGF	YSAYLVAEKV	TVITKHNDDE	QYAWESSAGG	SFTVRTDTGE
XM_012084012.1	NLIPNKQDRT	LTIVDTGIGM	TKADLINNLG	TIAKSGTKAF	MEALQAGADI	SMIGQFGVGF	YSAYLVAEKV	TVITKHNDDE	QYAWESSAGG	SFTVRTDTGE
XM_012471221.2	NLIPNKQDRT	LTIVDTGIGM	TKADLINNLG	TIAKSGTKAF	MEALQAGADI	SMIGQFGVGF	YSAYLVAEKV	TVITKHNDDE	QYAWESSAGG	SFTVRTDTGE
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XM_022576061.2	NLIPNKQDRT	LTIVDTGIGM	TKADLINNLG	TIAKSGTKAF	MEALQAGADI	SMIGQFGVGF	YSAYLVAEKV	TVITKHNDDE	QYAWESSAGG	SFTVRTDTGE
XM_023205645.1	NLIPNKQDRT	LIIVDTGIGM	TKADLINNLG	TIAKSGTKAF	MEALQAGADI	SMIGQFGVGF	YSAYLVAEKV	TVITKHNDDE	QYAWESSAGG	SFTVRTDTGE
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XM_025390940.1	NLIPNKQDRT	LTIVDTGIGM	TKADLINNLG	TIAKSGTKAF	MEALQAGADI	SMIGQFGVGF	YSAYLVAEKV	TVITKHNDDE	QYAWESSAGG	SFTVRTDTGE
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XM_030930159.1	NLIPNKQDRT	LTIVDTGIGM	TKADLINNLG	TIAKSGTKAF	MEALQAGADI	SMIGQFGVGF	YSAYLVAEKV	TVITKHNDDE	QYAWESSAGG	SFTVRTDTGE
XM_031001957.1	NLIPNKQDRT	LTIVDTGIGM	TKADLINNLG	TIAKSGTKAF	MEALQAGADI	SMIGQFGVGF	YSAYLVAEKV	TVITKHNDDE	QYAWESSAGG	SFTVRTDTGE

AB590828.1	PMGRG	TKVIL	HLKED	QTEYL	EERRIKE	IVK	KHSQF	IGYPI	TLFVE	KERDK	EVSDDE	AEEK	EDKEEEE	KEKE	EKES	EDKPEI	EDVGS	DEE-E	EKKD	GDKKKK
NM_001017963.3	PMGRG	TKVIL	HLKED	QTEYL	EERRIKE	IVK	KHSQF	IGYPI	TLFVE	KERDK	EVSDDE	AEEK	EDKEEEE	KEKE	EKES	EDKPEI	EDVGS	DEE-E	EKKD	GDKKKK
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NM_001283939.1	PMGRG	TKVIL	HLKED	QTEYL	EERRIKE	IVK	KHSQF	IGYPI	TLFVE	KERDK	EVSDDE	AEEK	EDKEEEE	KEKE	EKES	EDKPEI	EDVGS	DEEEE	EKKD	GDKKKK
NM_005348.4	PMGRG	TKVIL	HLKED	QTEYL	EERRIKE	IVK	KHSQF	IGYPI	TLFVE	KERDK	EVSDDE	AEEK	EDKEEEE	KEKE	EKES	EDKPEI	EDVGS	DEE-E	EKKD	GDKKKK
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XM_008578886.1	PMGRG	TKVIL	HLKED	QTEYL	EERRIKE	IVK	KHSQF	IGYPI	TLFVE	KERDK	EVSDDE	AEEK	DEKEEEE	KEKE	EKES	DDKPEI	EDVGS	DEEEE	EKKD	GDKKKK
XM_008959109.2	PMGRG	TKVIL	HLKED	QTEYL	EERRIKE	IVK	KHSQF	IGYPI	TLFVE	KERDK	EVSDDE	AEEK	EDKEEEE	KEKE	EKES	EDKPEI	EDVGS	DEEEE	EKKD	GDKKKK
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XM_012746310.2	PMGRG	TKVIL	HLKED	QTEYL	EERRIKE	IVK	KHSQF	IGYPI	TLFVE	KERDK	EVSDDE	AEEK	EEKEEEE	KEKE	EKES	DDKPEI	EDVGS	DEEEE	EKKD	GDKKKK
XM_016925810.2	PMGRG	TKVIL	HLKED	QTEYL	EERRIKE	IVK	KHSQF	IGYPI	TLFVE	KERDK	EVSDDE	AEEK	EDKEEEE	KEKE	EKES	EDKPEI	EDVGS	DEEEE	EKKD	GDKKKK
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XM_017892251.1	PMGRG	TKVIL	HLKED	QTEYL	EERRIKE	IVK	KHSQF	IGYPI	TLFVE	KERDK	EVSDDE	AEEK	EDKEEEE	XKE	EKES	EDKPEI	EDVGS	DEEEE	EKKD	GDKKKK
XM_019952219.1	PMGRG	TKVIL	HLKED	QTEYL	EERRIKE	IVK	KHSQF	IGYPI	TLFVE	KERDK	EVSDDE	AEEK	EDKEEEE	KEKE	EKES	EDKPEI	EDVGS	DEEEE	EKKD	GDKKKK
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XM_024131038.2	PMGRG	TKVIL	HLKED	QTEYL	EERRIKE	IVK	KHSQF	IGYPI	TLFVE	KERDK	EVSDDE	AEEK	EDKEEEE	KEKE	EKES	EDKPEI	EDVGS	DEEEE	EKKD	GDKKKK
XM_024231797.1	PMGRG	TKVIL	HLKED	QTEYL	EERRIKE	IVK	KHSQF	IGYPI	TLFVE	KERDK	EVSDDE	AEEK	EDKEEEE	KEKE	EKES	EDKPEI	EDVGS	DEEEE	EKKD	GDKKKK
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XM_027120596.1	PMGRG	TKVIL	HLKED	QTEYL	EERRIKE	IVK	KHSQF	IGYPI	TLFVE	KERDK	EVSDDE	AEEK	EDKEEEE	KEKE	EKES	EDKPEI	EDVGS	DEEEE	EKKD	GDKKKK
XM_029237862.1	PMGRG	TKVIL	HLKED	QTEYL	EERRIKE	IVK	KHSQF	IGYPI	TLFVE	KERDK	EVSDDE	AEEK	EDKEEEE	KEKE	EKES	EDKPEI	EDVGS	DEEEE	EKKD	GDKKKK
XM_030883350.1	PMGRG	TKVIL	HLKED	QTEYL	EERRIKE	IVK	KHSQF	IGYPI	TLFVE	KERDK	EVSDDE	AEEK	EDKEEEE	KEKE	EKES	EDKPEI	EDVGS	DEEEE	EKKD	GDKKKK
XM_030930159.1	PMGRG	TKVIL	HLKED	QTEYL	EERRIKE	IVK	KHSQF	IGYPI	TLFVE	KERDK	EVSDDE	AEEK	EDKEEEE	KEKE	EKES	EDKPEI	EDVGS	DEEEE	EKKD	GDKKKK
XM_031001957.1	PMGRG	TKVIL	HLKED	QTEYL	EERRIKE	IVK	KHSQF	IGYPI	TLFVE	KERDK	EVSDDE	AEEK	EDKEEEE	KEKE	EKES	EDKPEI	EDVGS	DEEEE	EKKD	GDKKKK

AB590828.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
NM_001017963.3	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
NM_001195667.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
NM_001283939.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
NM_005348.4	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_003902284.4	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_004262408.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDISNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_008064080.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_008578886.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_008959109.2	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_011951441.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_011991599.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_012084012.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_012471221.2	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_012746310.2	KKIKEKYIDQ	EELNKTPIW	TRNPDDISNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_016925810.2	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_017528088.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_017892251.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_019952219.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDISNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_022576061.2	KKIKEKYIDQ	EELNKTPIW	TRNPDDISNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_023205645.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_024131038.2	KKIKEKYIDQ	EELNKTPIW	TRNPDDISNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_024231797.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_024759334.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDISNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_025390940.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_027120596.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDISNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_029237862.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDISNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_030883350.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDISNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_030930159.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_031001957.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL

AB590828.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
NM_001017963.3	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
NM_001195667.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
NM_001283939.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
NM_005348.4	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_003902284.4	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_004262408.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_008064080.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_008578886.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_008959109.2	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_011951441.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_011991599.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_012084012.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_012471221.2	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_012746310.2	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_016925810.2	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_017528088.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_017892251.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIDPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_019952219.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_022576061.2	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_023205645.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_024131038.2	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_024231797.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_024759334.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_025390940.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_027120596.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_029237862.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_030883350.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_030930159.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_031001957.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD

AB590828.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
NM_001017963.3	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
NM_001195667.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
NM_001283939.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
NM_005348.4	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_003902284.4	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_004262408.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_008064080.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_008578886.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_008959109.2	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_011951441.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALR-----GY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_011991599.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_012084012.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_012471221.2	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_012746310.2	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_016925810.2	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_017528088.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_017892251.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_019952219.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_022576061.2	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_023205645.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_024131038.2	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_024231797.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_024759334.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_025390940.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_027120596.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_029237862.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_030883350.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_030930159.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_031001957.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS

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AB590828.1	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	TSAAVTEEMP	PLEGDDDTSR	MEEVDV
NM_001017963.3	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	TSAAVTEEMP	PLEGDDDTSR	MEEVD-
NM_001195667.1	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	TSAAVTEEMP	PLEGDDDTSR	MEEVD-
NM_001283939.1	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	TSAAVTEEMP	PLEGDDDTSR	MEEVD-
NM_005348.4	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	TSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_003902284.4	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	TSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_004262408.1	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	SSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_008064080.1	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	TSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_008578886.1	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	SSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_008959109.2	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	TSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_011951441.1	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	TSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_011991599.1	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	TSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_012084012.1	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	TSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_012471221.2	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	TSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_012746310.2	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	TNAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_016925810.2	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	TSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_017528088.1	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	TSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_017892251.1	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	TSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_019952219.1	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	SSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_022576061.2	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	SSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_023205645.1	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	TSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_024131038.2	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	SSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_024231797.1	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	TSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_024759334.1	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	SSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_025390940.1	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	ASAAVTEEMP	PLEGEDDTSR	MEEVD-
XM_027120596.1	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	SSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_029237862.1	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	SSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_030883350.1	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	SSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_030930159.1	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	TSAAVTEEMP	PLEGDDDTSR	MEEVD-
XM_031001957.1	LEDPQTHANR	IYRMIKLGLG	IDEDDPTADD	TSAAVTEEMP	PLEGDDDTSR	MEEVD-