

Alignment: C:\Users\Chengyang Ji\Projects\BIEN05006_Midterm\Data\alignment_muscle.fasta
Seaview [blocks=10 fontsize=10 A4-landscape] on Sun Dec 29 21:14:31 2019

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XM_008578886.1 -----
XM_012746310.2 -----
XM_017892251.1 -----
XM_029237862.1 -----
XM_022576061.2 -----
XM_004262408.1 -----
XM_019952219.1 -----
XM_030883350.1 -----
XM_024759334.1 -----
XM_027120596.1 -----
XM_024131038.2 -----
XM_008064080.1 -----
XM_025390940.1 -----
NM_001017963.3 MPPCSGGDGS TPPGPSLRDR DCPAQSAEYP RDRLDPRPGS PSEASSPPFL RSRAPVNWYQ EKAQVFLWHL MVSGSTTLLC LWKQPFHVSA FPVTASLAFR
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XM_017528088.1 -----
XM_008959109.2 -----
XM_012471221.2 -----
XM_023205645.1 -----
XM_011951441.1 -----
NM_005348.4     -----
XM_031001957.1 -----
XM_016925810.2 -----
XM_011991599.1 -----
XM_024231797.1 -----
XM_003902284.4 -----
NM_001283939.1 -----
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XM_012084012.1 -----
XM_030930159.1 -----
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XM_017892251.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
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XM_022576061.2	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_004262408.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
XM_019952219.1	-----	-----	--MPEETQTQ	DQPMEEEEVE	TFAFQAEIAQ	LMSLIINTFY	SNKEIFLREL	ISNSSDALDK	IRYESLTDPS	KLD SGKELHI
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XM_012746310.2	KKIKEKYIDQ	EELNKTPIW	TRNPDDISNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
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XM_004262408.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDISNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_019952219.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDISNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_030883350.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDISNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_024759334.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDISNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_027120596.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDISNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_024131038.2	KKIKEKYIDQ	EELNKTPIW	TRNPDDISNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_008064080.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_025390940.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
NM_001017963.3	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
AB590828.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_017528088.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_008959109.2	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_012471221.2	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_023205645.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_011951441.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
NM_005348.4	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_031001957.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_016925810.2	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
XM_011991599.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
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NM_001283939.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
NM_001195667.1	KKIKEKYIDQ	EELNKTPIW	TRNPDDITNE	EYGEFYKSLT	NDWEDHLAVK	HFSVEGQLEF	RALLFVPRRA	PFDLFENRKK	KNNIKLYVRR	VFIMDNCEEL
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XM_008578886.1	IPEYLNFI	RG	VVDSEDLPLN	ISREMLQ	QSK	ILKVI	RKNLV	KKCLEL	FTEL	AEDKENY	KKF	YEQFS	KNIKL	GIHEDSQ	NRK	KLSELLR	YYT	SASGDEM	VS
XM_012746310.2	IPEYLNFI	RG	VVDSEDLPLN	ISREMLQ	QSK	ILKVI	RKNLV	KKCLEL	FTEL	AEDKENY	KKF	YEQFS	KNIKL	GIHEDSQ	NRK	KLSELLR	YYT	SASGDEM	VS
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XM_029237862.1	IPEYLNFI	RG	VVDSEDLPLN	ISREMLQ	QSK	ILKVI	RKNLV	KKCLEL	FTEL	AEDKENY	KKF	YEQFS	KNIKL	GIHEDSQ	NRK	KLSELLR	YYT	SASGDEM	VS
XM_022576061.2	IPEYLNFI	RG	VVDSEDLPLN	ISREMLQ	QSK	ILKVI	RKNLV	KKCLEL	FTEL	AEDKENY	KKF	YEQFS	KNIKL	GIHEDSQ	NRK	KLSELLR	YYT	SASGDEM	VS
XM_004262408.1	IPEYLNFI	RG	VVDSEDLPLN	ISREMLQ	QSK	ILKVI	RKNLV	KKCLEL	FTEL	AEDKENY	KKF	YEQFS	KNIKL	GIHEDSQ	NRK	KLSELLR	YYT	SASGDEM	V
XM_019952219.1	IPEYLNFI	RG	VVDSEDLPLN	ISREMLQ	QSK	ILKVI	RKNLV	KKCLEL	FTEL	AEDKENY	KKF	YEQFS	KNIKL	GIHEDSQ	NRK	KLSELLR	YYT	SASGDEM	VS
XM_030883350.1	IPEYLNFI	RG	VVDSEDLPLN	ISREMLQ	QSK	ILKVI	RKNLV	KKCLEL	FTEL	AEDKENY	KKF	YEQFS	KNIKL	GIHEDSQ	NRK	KLSELLR	YYT	SASGDEM	VS
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AB590828.1	IPEYLNFI	RG	VVDSEDLPLN	ISREMLQ	QSK	ILKVI	RKNLV	KKCLEL	FTEL	AEDKENY	KKF	YEQFS	KNIKL	GIHEDSQ	NRK	KLSELLR	YYT	SASGDEM	VS
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XM_008959109.2	IPEYLNFI	RG	VVDSEDLPLN	ISREMLQ	QSK	ILKVI	RKNLV	KKCLEL	FTEL	AEDKENY	KKF	YEQFS	KNIKL	GIHEDSQ	NRK	KLSELLR	YYT	SASGDEM	VS
XM_012471221.2	IPEYLNFI	RG	VVDSEDLPLN	ISREMLQ	QSK	ILKVI	RKNLV	KKCLEL	FTEL	AEDKENY	KKF	YEQFS	KNIKL	GIHEDSQ	NRK	KLSELLR	YYT	SASGDEM	VS
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NM_005348.4	IPEYLNFI	RG	VVDSEDLPLN	ISREMLQ	QSK	ILKVI	RKNLV	KKCLEL	FTEL	AEDKENY	KKF	YEQFS	KNIKL	GIHEDSQ	NRK	KLSELLR	YYT	SASGDEM	VS
XM_031001957.1	IPEYLNFI	RG	VVDSEDLPLN	ISREMLQ	QSK	ILKVI	RKNLV	KKCLEL	FTEL	AEDKENY	KKF	YEQFS	KNIKL	GIHEDSQ	NRK	KLSELLR	YYT	SASGDEM	VS
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XM_011991599.1	IPEYLNFI	RG	VVDSEDLPLN	ISREMLQ	QSK	ILKVI	RKNLV	KKCLEL	FTEL	AEDKENY	KKF	YEQFS	KNIKL	GIHEDSQ	NRK	KLSELLR	YYT	SASGDEM	VS
XM_024231797.1	IPEYLNFI	RG	VVDSEDLPLN	ISREMLQ	QSK	ILKVI													

XM_008578886.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_012746310.2	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_017892251.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIDPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
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NM_001017963.3	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
AB590828.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
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XM_008959109.2	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
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XM_011951441.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
NM_005348.4	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_031001957.1	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
XM_016925810.2	KDYCTRMKEN	QKHIYYITGE	TKDQVANSAF	VERLRKHGLE	VIYMIEPIDE	YCVQQLKEFE	GKTLVSVTKE	GLELPEDEEE	KKKQEEKKTK	FENLCKIMKD
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XM_008578886.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_012746310.2	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_017892251.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
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XM_004262408.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
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XM_024759334.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
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XM_025390940.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
NM_001017963.3	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
AB590828.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
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XM_008959109.2	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
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XM_011951441.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALR-----GY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
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XM_031001957.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_016925810.2	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_011991599.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_024231797.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_003902284.4	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
NM_001283939.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
NM_001195667.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_012084012.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS
XM_030930159.1	ILEKKVEKVV	VSNRLVTSPC	CIVTSTYGWT	ANMERIMKAQ	ALRDNSTMGY	MAAKKHLEIN	PDHSIIETLR	QKAEADKNDK	SVKDLVILLY	ETALLSSGFS

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