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XP 022296317.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022302183.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022303805.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	0
XP 022303806.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	0
XP 022304626.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	0
XP 022304627.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	0
XP 022304628.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	0
XP 022307700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022335699.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022297635.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022291746.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	MADPCPSSTDVSVVIDSCPMNSSEWNQRALLKNCS	35
XP 022299405.1	GTPase	IMAP	family member	7-like	isoform X1 Crassostrea virginica	.....	0
XP 022299409.1	GTPase	IMAP	family member	7-like	isoform X4 Crassostrea virginica	.....	0
XP 022299416.1	GTPase	IMAP	family member	7-like	isoform X8 Crassostrea virginica	.....	0
XP 022299418.1	GTPase	IMAP	family member	7-like	isoform X9 Crassostrea virginica	.....	0
XP 022299408.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	.....	0
XP 022299407.1	GTPase	IMAP	family member	7-like	isoform X2 Crassostrea virginica	.....	0
XP 022299410.1	GTPase	IMAP	family member	7-like	isoform X5 Crassostrea virginica	.....	0
XP 022299411.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	0
XP 022299412.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	0
XP 022299413.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	0
XP 022299414.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	0
XP 022299415.1	GTPase	IMAP	family member	7-like	isoform X7 Crassostrea virginica	.....	0
XP 022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....MTTLKM	6
XP 022304950.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....	0
XP 022310198.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022296314.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301668.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301131.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301812.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301132.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
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XP 022301588.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
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XP 022301590.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....	0
XP 022296665.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022296700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022295827.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301840.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022300528.1	LOW QUALITY	PROTEIN:	GTPase	IMAP	family member 4-like Crassostrea virginica	.....	0
XP 022298533.1	GTPase	IMAP	family member	4-like,	partial Crassostrea virginica	.....	0
XP 022297620.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	.....MTCVCVLLLLICALILQKGN SVN	22
XP 022302920.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022300251.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....	0
XP 022287294.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	0
XP 022287295.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	0
XP 022292452.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
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XP 022291927.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022295273.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	0
XP 022295274.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	0
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XP 022295276.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	0
XP 022295277.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	0
XP 022295278.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	0
XP 022295279.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	0
XP 022295280.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	0

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XP 022296317.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022302183.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022303805.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	0
XP 022303806.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	0
XP 022304626.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	0
XP 022304627.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	0
XP 022304628.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	0
XP 022307700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....MPSTDKNTNRWTS	14
XP 022335699.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022297635.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022291746.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	MYPQTCFRPLEYHCLLNPGNESLEVCA	70
XP 022299405.1	GTPase	IMAP	family member	7-like	isoform X1 Crassostrea virginica	.....MVTYSKYGIF	10
XP 022299409.1	GTPase	IMAP	family member	7-like	isoform X4 Crassostrea virginica	.....MVTYSKYGIF	10
XP 022299416.1	GTPase	IMAP	family member	7-like	isoform X8 Crassostrea virginica	.....MVTYSKYGIF	10
XP 022299418.1	GTPase	IMAP	family member	7-like	isoform X9 Crassostrea virginica	.....MVTYSKYGIF	10
XP 022299408.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	.....MVTYSKYGIF	10
XP 022299407.1	GTPase	IMAP	family member	7-like	isoform X2 Crassostrea virginica	.....MVTYSKYGIF	10
XP 022299410.1	GTPase	IMAP	family member	7-like	isoform X5 Crassostrea virginica	.....MVTYSKYGIF	10
XP 022299411.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	0
XP 022299412.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	0
XP 022299413.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	0
XP 022299414.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	0
XP 022299415.1	GTPase	IMAP	family member	7-like	isoform X7 Crassostrea virginica	.....	0
XP 022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	EKNIFICTTGVSDDLYDIESLYHSFLLTFCEIKM	41
XP 022304950.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....M	1
XP 022310198.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....M	1
XP 022296314.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301668.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301131.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
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XP 022301145.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
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XP 022295827.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301840.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022300528.1	LOW QUALITY	PROTEIN:	GTPase	IMAP	family member 4-like Crassostrea virginica	.....	0
XP 022298533.1	GTPase	IMAP	family member	4-like,	partial Crassostrea virginica	.....	0
XP 022297620.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	MTRKSLQVQLGYRFQIYPVDVCPKNKVDFDTAAKN	57
XP 022302920.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022300251.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....	0
XP 022287294.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	0
XP 022287295.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	0
XP 022292452.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
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XP 022291927.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022295273.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	0
XP 022295274.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	0
XP 022295275.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	0
XP 022295276.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	0
XP 022295277.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	0
XP 022295278.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	0
XP 022295279.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	0
XP 022295280.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	0

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						Maeda ET al. PLoS ONE 2013	
XP 022296317.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022302183.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022303805.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....MAETQESASLELDN	14
XP 022303806.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....MAETQESASLELDN	14
XP 022304626.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	0
XP 022304627.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	0
XP 022304628.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	0
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XP 022335699.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022297635.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022291746.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	DFCPVFNIKQQRILEQFDCTSLISDCPRRQYNSRS	105
XP 022299405.1	GTPase	IMAP	family member	7-like	isoform X1 Crassostrea virginica	AMESIETFLRHLGQERFIEIFLDNELDLDLLKSLS	45
XP 022299409.1	GTPase	IMAP	family member	7-like	isoform X4 Crassostrea virginica	AMESIETFLRHLGQERFIEIFLDNELDLDLLKSLS	45
XP 022299416.1	GTPase	IMAP	family member	7-like	isoform X8 Crassostrea virginica	AMESIETFLRHLGQERFIEIFLDNELDLDLLKSLS	45
XP 022299418.1	GTPase	IMAP	family member	7-like	isoform X9 Crassostrea virginica	AMESIETFLRHLGQERFIEIFLDNELDLDLLKSLS	45
XP 022299408.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	AMESIETFLRHLGQERFIEIFLDNELDLDLLKSLS	45
XP 022299407.1	GTPase	IMAP	family member	7-like	isoform X2 Crassostrea virginica	AMESIETFLRHLGQERFIEIFLDNELDLDLLKSLS	45
XP 022299410.1	GTPase	IMAP	family member	7-like	isoform X5 Crassostrea virginica	AMESIETFLRHLGQERFIEIFLDNELDLDLLKSLS	45
XP 022299411.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.MESIETFLRHLGQERFIEIFLDNELDLDLLKSLS	34
XP 022299412.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.MESIETFLRHLGQERFIEIFLDNELDLDLLKSLS	34
XP 022299413.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.MESIETFLRHLGQERFIEIFLDNELDLDLLKSLS	34
XP 022299414.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.MESIETFLRHLGQERFIEIFLDNELDLDLLKSLS	34
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XP 022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	...MESFLKSIGKERHLDAFNKNEITDLLKTL	31
XP 022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	EKKTIESFLKSIGLETYIGKFKGEDIEMETLIDL	76
XP 022304950.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	ERGTFASFFKDIEMEYCIHKFRNKGIDVERLIDL	36
XP 022310198.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	EYETIKQFLEDIGCERHINLFIENEIGLELLKSLS	36
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XP 022301668.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301131.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....MGFMY	5
XP 022301812.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301132.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301145.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301588.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....MVSRE	5
XP 022301589.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....MVSRE	5
XP 022301590.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....MASKE	5
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XP 022295827.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301840.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022300528.1	LOW QUALITY	PROTEIN:	GTPase	IMAP	family member 4-like Crassostrea virginica	.....	0
XP 022298533.1	GTPase	IMAP	family member	4-like,	partial Crassostrea virginica	.....	0
XP 022297620.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	RNCPGESRYLCAPDKNLTNLIEFCTDRPPSLYGPV	92
XP 022302920.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022300251.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....	0
XP 022287294.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....MAASSELDF...	9
XP 022287295.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....MAASSELDF...	9
XP 022292452.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	....MKAMDHYRITVCLVLITFPNVMSKMHCHDN	30
XP 022292453.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	....MKAMDHYRITVCLVLITFPNVMSKMHCHDN	30
XP 022291927.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	....MKVMDHYRIIACLVLIASPNVMSKRDYHDD	30
XP 022295273.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.MLKKEKVMMDHLKITFFLVLIIVFPVISSPMDCQDG	34
XP 022295274.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.MLKKEKVMMDHLKITFFLVLIIVFPVISSPMDCQDG	34
XP 022295275.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.MLKKEKVMMDHLKITFFLVLIIVFPVISSPMDCQDG	34
XP 022295276.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.MLKKEKVMMDHLKITFFLVLIIVFPVISSPMDCQDG	34
XP 022295277.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.MLKKEKVMMDHLKITFFLVLIIVFPVISSPMDCQDG	34
XP 022295278.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.MLKKEKVMMDHLKITFFLVLIIVFPVISSPMDCQDG	34
XP 022295279.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.MLKKEKVMMDHLKITFFLVLIIVFPVISSPMDCQDG	34
XP 022295280.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.MLKKEKVMMDHLKITFFLVLIIVFPVISSPMDCQDG	34



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XP 022296317.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022302183.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022303805.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	TTEKQTTTFQDEENMP.....	29
XP 022303806.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	TTEKQTTTFQDEENMP.....	29
XP 022304626.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....MP.....	2
XP 022304627.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	0
XP 022304628.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	0
XP 022307700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	VEEQKAFIKKIHGQA.....	64
XP 022335699.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022297635.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022291746.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	ILDYKGCLRELHGLTTPLANYTSGTPHDTPMDDNL	140
XP 022299405.1	GTPase	IMAP	family member	7-like	isoform X1 Crassostrea virginica	EDELKETLKELN.....	57
XP 022299409.1	GTPase	IMAP	family member	7-like	isoform X4 Crassostrea virginica	EDELKETLKELN.....	57
XP 022299416.1	GTPase	IMAP	family member	7-like	isoform X8 Crassostrea virginica	EDELKETLKELN.....	57
XP 022299418.1	GTPase	IMAP	family member	7-like	isoform X9 Crassostrea virginica	EDELKETLKELN.....	57
XP 022299408.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	EDELKETLKELN.....	57
XP 022299407.1	GTPase	IMAP	family member	7-like	isoform X2 Crassostrea virginica	EDELKETLKELN.....	57
XP 022299410.1	GTPase	IMAP	family member	7-like	isoform X5 Crassostrea virginica	EDELKETLKELN.....	57
XP 022299411.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	EDELKETLKELN.....	46
XP 022299412.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	EDELKETLKELN.....	46
XP 022299413.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	EDELKETLKELN.....	46
XP 022299414.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	EDELKETLKELN.....	46
XP 022299415.1	GTPase	IMAP	family member	7-like	isoform X7 Crassostrea virginica	EDELKETLKELN.....	46
XP 022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	RENLEKTLTLLN.....	43
XP 022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	DDLLNKILEELK.....	88
XP 022304950.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	GDYVNSLLTEFH.....	48
XP 022310198.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	EKNLKEILKEIG.....	48
XP 022296314.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301668.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301131.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	VICFSAIGLYFK.....	17
XP 022301812.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301132.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301145.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301588.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	DGKVGYRFHESG.....	17
XP 022301589.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	DGKVGYRFHESG.....	17
XP 022301590.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	DGKE..VSEDRR.....	15
XP 022296665.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022296700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022295827.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301840.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022300528.1	LOW QUALITY	PROTEIN:	GTPase	IMAP	family member 4-like Crassostrea virginica	.....	0
XP 022298533.1	GTPase	IMAP	family member	4-like,	partial Crassostrea virginica	.....	0
XP 022297620.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	PACLEINRVFQCFEAEESCKERISNGSTPDNGSNA	127
XP 022302920.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022300251.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....	0
XP 022287294.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	9
XP 022287295.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	9
XP 022292452.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KGRDKDGYCTKNSI.....	44
XP 022292453.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KGRDKDGYCTKNSK.....	44
XP 022291927.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	N.....	31
XP 022295273.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	NDEKEEGYCSTKSI.....	48
XP 022295274.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	NDEKEEGYCSTKSI.....	48
XP 022295275.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	NDEEEEGYCSTKSI.....	48
XP 022295276.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	NDEEEEGYCSTKSI.....	48
XP 022295277.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	NDEEEEGYCSTKSI.....	48
XP 022295278.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	NDEEEEGYCSTKSI.....	48
XP 022295279.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	NDEEEEGYCSTKSI.....	48
XP 022295280.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	NDEKEEGYCSTKSI.....	48

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						.....LPLGPRMKILKGVQSFKEALDVTEEQRSSa	0
XP 022296317.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022302183.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	29
XP 022303805.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	29
XP 022303806.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	2
XP 022304626.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	0
XP 022304627.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	0
XP 022304628.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	64
XP 022307700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022335699.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022297635.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	175
XP 022291746.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	LWLAPIIIIFAILITFIFVYYCWRKGSQKNELED	89
XP 022299405.1	GTPase	IMAP	family member	7-like	isoform X1 Crassostrea virginica	...LPLGPRMKILKGVQSFKEALDVTEEQRSSQA	87
XP 022299409.1	GTPase	IMAP	family member	7-like	isoform X4 Crassostrea virginica	...LPLGPRMKILKGVQSFKE...DVTEEQRSSQA	89
XP 022299416.1	GTPase	IMAP	family member	7-like	isoform X8 Crassostrea virginica	...LPLGPRMKILKGVQSFKEALDVTEEQRSSQA	88
XP 022299418.1	GTPase	IMAP	family member	7-like	isoform X9 Crassostrea virginica	...LPLGPRMKILKGVQSFKEALDVTEEQRSSQ.	89
XP 022299408.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	...LPLGPRMKILKGVQSFKEALDVTEEQRSSQA	89
XP 022299407.1	GTPase	IMAP	family member	7-like	isoform X2 Crassostrea virginica	...LPLGPRMKILKGVQSFKEALDVTEEQRSSQA	87
XP 022299410.1	GTPase	IMAP	family member	7-like	isoform X5 Crassostrea virginica	...LPLGPRMKILKGVQSFKE...DVTEEQRSSQA	78
XP 022299411.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	...LPLGPRMKILKGVQSFKEALDVTEEQRSSQA	78
XP 022299412.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	...LPLGPRMKILKGVQSFKEALDVTEEQRSSQA	78
XP 022299413.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	...LPLGPRMKILKGVQSFKEALDVTEEQRSSQA	78
XP 022299414.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	...LPLGPRMKILKGVQSFKEALDVTEEQRSSQA	78
XP 022299415.1	GTPase	IMAP	family member	7-like	isoform X7 Crassostrea virginica	...LPLGPRMKILKGVQSFKEALDVTEEQRSSQA	63
XP 022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	...LNVGTFMSIIDAVETLKIKG.....	108
XP 022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	...LNLGTRLKIKKELKKISPEK.....	64
XP 022304950.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	...VDATTQLIINYEIYKR.....	68
XP 022310198.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	...LTVGIRMKIQQTLDDMKTKE.....	3
XP 022296314.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	...MIP.....	3
XP 022301668.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	...MIP.....	20
XP 022301131.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	...STT.....	0
XP 022301812.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301132.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301145.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	20
XP 022301588.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	...NAY.....	20
XP 022301589.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	...NAY.....	18
XP 022301590.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	...NFY.....	21
XP 022296665.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....MASNYWLCHGCTHSNEHGRKK	21
XP 022296700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....MASNYWLCHGCTHSNEHGRKK	21
XP 022295827.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....MASNYWLCHGCTHSNEHGRKK	7
XP 022301840.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....MQVSQRR.	19
XP 022300528.1	LOW QUALITY	PROTEIN:	GTPase	IMAP	family member 4-like Crassostrea virginica	.....MDS..WTCSRCTLNEGHRSR	0
XP 022298533.1	GTPase	IMAP	family member	4-like,	partial Crassostrea virginica	.....	162
XP 022297620.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	ILIFAIYCAFLTVMFVIGTLLWIYRKGENQKEAEK	0
XP 022302920.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022300251.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....	9
XP 022287294.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	9
XP 022287295.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	44
XP 022292452.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	44
XP 022292453.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	31
XP 022291927.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	48
XP 022295273.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	48
XP 022295274.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	48
XP 022295275.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	48
XP 022295276.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	48
XP 022295277.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	48
XP 022295278.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	48
XP 022295279.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	48
XP 022295280.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	48

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						LDVTEQQRSSQDTVQKV	0
						.....	0
XP 022296317.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	49
XP 022302183.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	49
XP 022303805.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....AGS...NTDKKIDIDKDEENMPA	22
XP 022303806.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....AGS...NTDKKIDIDKDEENMPA	3
XP 022304626.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....AGS...NTDKKIDIEKDEENMPA	0
XP 022304627.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....MPA	87
XP 022304628.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	2
XP 022307700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....MDCRFNSTDKVNESYIGGENIPG	2
XP 022335699.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....MG	210
XP 022297635.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....MG	124
XP 022291746.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	FQMQRDGDGNNSLHPEEPLLGELNERKDADIKKA	122
XP 022299405.1	GTPase	IMAP	family member	7-like	isoform X1 Crassostrea virginica	LDVTEQQRSSQDTVQKV	111
XP 022299409.1	GTPase	IMAP	family member	7-like	isoform X4 Crassostrea virginica	LDVTEQQRSSQDTVQKV	110
XP 022299416.1	GTPase	IMAP	family member	7-like	isoform X8 Crassostrea virginica	.....VQKV	122
XP 022299418.1	GTPase	IMAP	family member	7-like	isoform X9 Crassostrea virginica	.....VQKV	123
XP 022299408.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	LDVTEQQRSSQDTVQKV	121
XP 022299407.1	GTPase	IMAP	family member	7-like	isoform X2 Crassostrea virginica	LDVTEQQRSSQDTVQKV	113
XP 022299410.1	GTPase	IMAP	family member	7-like	isoform X5 Crassostrea virginica	LDVTEQQRSSQDTVQKV	113
XP 022299411.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	LDVTEQQRSSQDTVQKV	113
XP 022299412.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	LDVTEQQRSSQDTVQKV	113
XP 022299413.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	LDVTEQQRSSQDTVQKV	112
XP 022299414.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	LDVTEQQRSSQDTVQKV	86
XP 022299415.1	GTPase	IMAP	family member	7-like	isoform X7 Crassostrea virginica	LDVTEQQRSSQDTVQKV	116
XP 022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....AVNEVVKPIGNNEIIDGRMEISS	64
XP 022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....SSYSTASQ.....	92
XP 022304950.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....	3
XP 022310198.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	3
XP 022296314.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	20
XP 022301668.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301131.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301812.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022301132.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	20
XP 022301145.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	20
XP 022301588.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	18
XP 022301589.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	56
XP 022301590.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....	56
XP 022296665.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	56
XP 022296700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	19
XP 022295827.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	40
XP 022301840.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....NQSTRKLEISIC.....	0
XP 022300528.1	LOW QUALITY	PROTEIN:	GTPase	IMAP	family member 4-like Crassostrea virginica	CDACLSPKGHRNITISNAST.....	197
XP 022298533.1	GTPase	IMAP	family member	4-like,	partial Crassostrea virginica	.....	0
XP 022297620.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	TEKTVLSIQSEHRPVAEDKDKTKITKNTDDQATSIE	0
XP 022302920.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
XP 022300251.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....	9
XP 022287294.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	9
XP 022287295.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	44
XP 022292452.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	44
XP 022292453.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	31
XP 022291927.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	48
XP 022295273.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	48
XP 022295274.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	48
XP 022295275.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	48
XP 022295276.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	48
XP 022295277.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	48
XP 022295278.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	48
XP 022295279.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	48
XP 022295280.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	48



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XP 022296317.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....MGCGASKSFQIERE	VRLVLLV	GKR	23	
XP 022302183.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....MGCGASKSFQIERE	VRLVLLV	GKR	23	
XP 022303805.1	GTPase	IMAP	family member 4-like	isoform X3 Crassostrea virginica	GSNTDKKIDIDKGF	CNWDLNSSTENE	IRLVLLGKT	84	
XP 022303806.1	GTPase	IMAP	family member 4-like	isoform X3 Crassostrea virginica	GSNTDKKIDIDKGF	CNWDLNSSTENE	IRLVLLGKT	84	
XP 022304626.1	GTPase	IMAP	family member 4-like	isoform X1 Crassostrea virginica	GSNTDKKIDIEKGF	CNWDLNSSTENE	IRLVLLGKT	57	
XP 022304627.1	GTPase	IMAP	family member 4-like	isoform X2 Crassostrea virginica	GSNTDKKIDIEKGF	CNWDLNSSTENE	IRLVLLGKT	38	
XP 022304628.1	GTPase	IMAP	family member 4-like	isoform X3 Crassostrea virginica	..MKTEIPSPSRFC	NWDLNSSTENE	IRLVLLGKT	32	
XP 022307700.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	ESNTDEKTEFGNAS	CTLDADSYTEN	ELRLVLLGTT	122	
XP 022335699.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	CNSSKSVSLEKSK	.....KEE	IRLVLLGKT	27	
XP 022297635.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	CKSSKRPRREEIQN	.....MEE	IRLVLLGKT	28	
XP 022291746.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	NNTDGTSSSTGHTED	GGPCLVYIKYEE	IRLVLF	FGGK	245
XP 022299405.1	GTPase	IMAP	family member 7-like	isoform X1 Crassostrea virginica	CPSSHFEKTENRFS	FDKYT...YKEE	IRLVLLGKT	156	
XP 022299409.1	GTPase	IMAP	family member 7-like	isoform X4 Crassostrea virginica	CPSSHFEKTENRFS	FDKYT...YKEE	IRLVLLGKT	154	
XP 022299416.1	GTPase	IMAP	family member 7-like	isoform X8 Crassostrea virginica	CPSSHFEKTENRFS	FDKYT...YKEE	IRLVLLGKT	143	
XP 022299418.1	GTPase	IMAP	family member 7-like	isoform X9 Crassostrea virginica	CPSSHFEKTENRFS	FDKYT...YKEE	IRLVLLGKT	142	
XP 022299408.1	GTPase	IMAP	family member 7-like	isoform X3 Crassostrea virginica	CPSSHFEKTENRFS	FDKYT...YKEE	IRLVLLGKT	154	
XP 022299407.1	GTPase	IMAP	family member 7-like	isoform X2 Crassostrea virginica	CPSSHFEKTENRFS	FDKYT...YKEE	IRLVLLGKT	155	
XP 022299410.1	GTPase	IMAP	family member 7-like	isoform X5 Crassostrea virginica	CPSSHFEKTENRFS	FDKYT...YKEE	IRLVLLGKT	153	
XP 022299411.1	GTPase	IMAP	family member 7-like	isoform X6 Crassostrea virginica	CPSSHFEKTENRFS	FDKYT...YKEE	IRLVLLGKT	145	
XP 022299412.1	GTPase	IMAP	family member 7-like	isoform X6 Crassostrea virginica	CPSSHFEKTENRFS	FDKYT...YKEE	IRLVLLGKT	145	
XP 022299413.1	GTPase	IMAP	family member 7-like	isoform X6 Crassostrea virginica	CPSSHFEKTENRFS	FDKYT...YKEE	IRLVLLGKT	145	
XP 022299414.1	GTPase	IMAP	family member 7-like	isoform X6 Crassostrea virginica	CPSSHFEKTENRFS	FDKYT...YKEE	IRLVLLGKT	145	
XP 022299415.1	GTPase	IMAP	family member 7-like	isoform X7 Crassostrea virginica	CPSSHFEKTENRFS	FDKYT...YKEE	IRLVLLGKT	144	
XP 022291053.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	PKDVMGREKQEMW	DFSEVCP..AERE	VRLVLLGKT	119	
XP 022304158.1	GTPase	IMAP	family member 7-like	Crassostrea virginica	.....F..YDEE	IRIVLLGKT		130	
XP 022304950.1	GTPase	IMAP	family member 7-like	Crassostrea virginica	.....KLT	LRIVLLGKT		76	
XP 022310198.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	SMESEKTSADDSCS	MPSRS..IPQE	VRIVLLGKT	125	
XP 022296314.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....IDRE	IRIVLLGKT		16	
XP 022301668.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....IDRE	VRLVLLGKT		16	
XP 022301131.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....MWRE	IRLVLLGKT		33	
XP 022301812.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....MKQE	IRLVLLGKT		13	
XP 022301132.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....MKKE	IRLVLLGKT		13	
XP 022301145.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....MEKE	IRLVLLGKT		13	
XP 022301588.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....FDKE	IRLVLLGKT		33	
XP 022301589.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....FDKE	IRLVLLGKT		33	
XP 022301590.1	GTPase	IMAP	family member 7-like	Crassostrea virginica	.....IDKE	IRIVLLGKT		31	
XP 022296665.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	CGSHKGGGGGYRS	RGKSRYGKGIDNE	VRIVLLGKT	91	
XP 022296700.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	CGSHKGGGGGYRS	YGKSRYGKGIDNE	VRIVLLGKT	91	
XP 022295827.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	CGSHKGGGGGHGS	RGKSRYGKGIDNE	VRIVLLGKT	91	
XP 022301840.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....IGIDKE	VRIVLLGKT		34	
XP 022300528.1	LOW QUALITY	PROTEIN: GTPase	IMAP family member 4-like	Crassostrea virginica	.....HRNNGE	VEVRIALLGKT		56	
XP 022298533.1	GTPase	IMAP	family member 4-like,	partial Crassostrea virginica	.....KEV	RIVLLGKT		11	
XP 022297620.1	GTPase	IMAP	family member 7-like	isoform X3 Crassostrea virginica	VGKGQMKDNAEKH	NGEDTNLNSRCSIM	RIVLLGKT	232	
XP 022302920.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....MCSN	LRIVLLGKT		13	
XP 022300251.1	GTPase	IMAP	family member 7-like	Crassostrea virginica	.....METLQDNGE	FRLVLLGKT		18	
XP 022287294.1	GTPase	IMAP	family member 4-like	isoform X1 Crassostrea virginica	.....NNEV	RILLGKT		21	
XP 022287295.1	GTPase	IMAP	family member 4-like	isoform X1 Crassostrea virginica	.....NNEV	RILLGKT		21	
XP 022292452.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....DSSN	NERRILLGKT		59	
XP 022292453.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....DSSN	NERRILLGKT		59	
XP 022291927.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....DFNN	NERRILLGKT		46	
XP 022295273.1	GTPase	IMAP	family member 4-like	isoform X1 Crassostrea virginica	.....AINS	NEIRILLGKT		63	
XP 022295274.1	GTPase	IMAP	family member 4-like	isoform X1 Crassostrea virginica	.....AINS	NEIRILLGKT		63	
XP 022295275.1	GTPase	IMAP	family member 4-like	isoform X2 Crassostrea virginica	.....AINN	DEVRIILLGKT		63	
XP 022295276.1	GTPase	IMAP	family member 4-like	isoform X2 Crassostrea virginica	.....AINN	DEVRIILLGKT		63	
XP 022295277.1	GTPase	IMAP	family member 4-like	isoform X2 Crassostrea virginica	.....AINN	DEVRIILLGKT		63	
XP 022295278.1	GTPase	IMAP	family member 4-like	isoform X2 Crassostrea virginica	.....AINN	DEVRIILLGKT		63	
XP 022295279.1	GTPase	IMAP	family member 4-like	isoform X2 Crassostrea virginica	.....AINN	DEVRIILLGKT		63	
XP 022295280.1	GTPase	IMAP	family member 4-like	isoform X3 Crassostrea virginica	.....AINN	DEVRIILLGKT		63	



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XP 022296317.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNT	ILG.	PAR	VR	PT	LP	KIS	SY	DI	ES	EK	RY	57	
XP 022302183.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNT	ILG.	PAT	VR	PT	LP	KIS	SY	DI	ES	EK	KY	57	
XP 022303805.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	GT	GKS	AT	GNS	ILG.	KRV	FAS	SM	SP	AS	VT	SK	CS	QSH		118	
XP 022303806.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	GT	GKS	AT	GNS	ILG.	KRV	FAS	SM	SP	AS	VT	SK	CS	QSH		118	
XP 022304626.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	GT	GKS	AT	GNS	ILG.	ERV	FAS	SM	SP	AS	VT	SK	CS	QSH		91	
XP 022304627.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	GT	GKS	AT	GNS	ILG.	ERV	FAS	SM	SP	AS	VT	SK	CS	QSH		72	
XP 022304628.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	GT	GKS	AT	GNS	ILG.	ERV	FAS	SM	SP	AS	VT	SK	CS	QSH		66	
XP 022307700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	G	A	G	K	S	A	T	G	N	S	I	L	G.	K	K	A	156
XP 022335699.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNT	ILG.	F	T	K	F	S	S	K	L	S	A	I	61
XP 022297635.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNT	ILG.	I	K	K	F	K	S	E	L	S	G	K	62
XP 022291746.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNS	ILG.	S	N	A	F	E	S	M	P	S	G	N	279
XP 022299405.1	GTPase	IMAP	family member	7-like	isoform X1 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	K	Y	N	F	E	S	T	F	S	G	S	190
XP 022299409.1	GTPase	IMAP	family member	7-like	isoform X4 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	K	Y	N	F	E	S	T	F	S	G	S	188
XP 022299416.1	GTPase	IMAP	family member	7-like	isoform X8 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	K	Y	N	F	E	S	T	F	S	G	S	177
XP 022299418.1	GTPase	IMAP	family member	7-like	isoform X9 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	K	Y	N	F	E	S	T	F	S	G	S	176
XP 022299408.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	K	Y	N	F	E	S	T	F	S	G	S	188
XP 022299407.1	GTPase	IMAP	family member	7-like	isoform X2 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	K	Y	N	F	E	S	T	F	S	G	S	189
XP 022299410.1	GTPase	IMAP	family member	7-like	isoform X5 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	K	Y	N	F	E	S	T	F	S	G	S	187
XP 022299411.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	K	Y	N	F	E	S	T	F	S	G	S	179
XP 022299412.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	K	Y	N	F	E	S	T	F	S	G	S	179
XP 022299413.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	K	Y	N	F	E	S	T	F	S	G	S	179
XP 022299414.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	K	Y	N	F	E	S	T	F	S	G	S	179
XP 022299415.1	GTPase	IMAP	family member	7-like	isoform X7 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	K	Y	N	F	E	S	T	F	S	G	S	178
XP 022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	A	S	G	N	S	I	L	G.	L	Q	A	F	K	S	153
XP 022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	G	C	G	K	S	A	T	G	N	S	I	F	G.	K	R	R	164
XP 022304950.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	GS	GKS	AT	GNS	I	L	G.	S	A	Q	F	K	S	A	S	G	110
XP 022310198.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	G	C	G	K	S	T	T	G	N	S	I	L	K.	T	I	N	159
XP 022296314.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNT	ILG.	L	K	R	F	N	S	R	L	S	G	S	50
XP 022301668.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNS	ILG.	F	K	R	F	N	S	S	L	S	G	S	50
XP 022301131.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	G	C	G	K	S	AT	GNT	ILG.	S	E	R	F	R	T	M	I	67
XP 022301812.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	G	C	G	K	S	AT	GNT	ILG.	S	K	K	F	L	T	M	I	47
XP 022301132.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	G	C	G	K	S	AT	GNT	ILG.	S	E	K	F	R	T	M	I	47
XP 022301145.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	G	C	G	K	S	AT	GNT	ILG.	S	E	K	F	R	S	M	I	47
XP 022301588.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	G	C	G	K	S	AT	GNT	I	F	G.	S	V	K	F	Q	S	67
XP 022301589.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	G	C	G	K	S	AT	GNT	I	F	G.	S	V	K	F	Q	S	67
XP 022301590.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	G	C	G	K	S	AT	GNT	I	F	G.	C	E	K	F	Q	A	65
XP 022296665.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNT	ILN.	G	D	F	F	E	S	T	T	S	G	S	125
XP 022296700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNT	ILN.	G	D	F	F	E	S	T	T	S	G	S	125
XP 022295827.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNT	ILN.	G	D	F	F	E	S	T	T	S	G	S	125
XP 022301840.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNT	ILN.	D	D	F	F	E	S	T	T	S	G	S	68
XP 022300528.1	LOW QUALITY	PROTEIN: GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNT	ILN.	G	D	F	F	E	S	T	A	S	G	90
XP 022298533.1	GTPase	IMAP	family member	4-like,	partial Crassostrea virginica	GS	GKS	AT	D	N	A	I	L	N.	D	D	L	F	E	S	T	45
XP 022297620.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	G	C	G	K	S	AT	GNT	ILG.	E	N	V	F	I	S	T	A	266
XP 022302920.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNT	ILG.	K	K	L	F	A	S	T	A	S	A	S	47
XP 022300251.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	GS	GKS	S	T	G	N	I	C	G.	Q	D	V	F	G	S	R	52
XP 022287294.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	GT	GKS	T	T	GNT	ILG.	R	K	A	F	A	T	M	L	S	A	55
XP 022287295.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	GT	GKS	T	T	GNT	ILG.	R	K	A	F	A	T	M	L	S	A	55
XP 022292452.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	G	V	G	K	S	T	T	GNT	ILG.	F	D	A	F	H	T	K	93
XP 022292453.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	G	V	G	K	S	T	T	GNT	ILG.	F	D	A	F	D	S	K	93
XP 022291927.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	G	V	G	K	S	T	T	GNT	ILG.	F	P	A	F	K	T	D	80
XP 022295273.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	G	V	G	K	S	T	T	GNT	ILG.	F	R	A	F	G	T	K	97
XP 022295274.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	G	V	G	K	S	T	T	GNT	ILG.	F	R	A	F	G	T	K	97
XP 022295275.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	G	V	G	K	S	T	T	GNT	ILG.	F	R	A	F	D	T	K	97
XP 022295276.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	G	V	G	K	S	T	T	GNT	ILG.	F	R	A	F	D	T	K	97
XP 022295277.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	G	V	G	K	S	T	T	GNT	ILG.	F	R	A	F	D	T	K	97
XP 022295278.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	G	V	G	K	S	T	T	GNT	ILG.	F	R	A	F	D	T	K	97
XP 022295279.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	G	V	G	K	S	T	T	GNT	ILG.	F	R	A	F	D	T	K	97
XP 022295280.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	G	V	G	K	S	T	T	GNT	ILG.	F	R	A	F	D	T	K	97

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XP 022296317.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	AVRFRNRLVSI	MEMSDIFVKE	77
XP 022302183.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	AIRFRNRLVSI	MEMSDIFDKE	77
XP 022303805.1	GTPase	IMAP	family member 4-like	isoform X3 Crassostrea virginica	TTRFGKKKIV	VDTPGIYDTN	138
XP 022303806.1	GTPase	IMAP	family member 4-like	isoform X3 Crassostrea virginica	TTRFGKKKIV	VDTPGIYDTN	138
XP 022304626.1	GTPase	IMAP	family member 4-like	isoform X1 Crassostrea virginica	TTRFGKKKIV	VDTPGIYDTN	111
XP 022304627.1	GTPase	IMAP	family member 4-like	isoform X2 Crassostrea virginica	TTRFGKKKIV	VDTPGIYDTN	92
XP 022304628.1	GTPase	IMAP	family member 4-like	isoform X3 Crassostrea virginica	TTRFGKKKIV	VDTPGIYDTN	86
XP 022307700.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	NTRVRQKIV	VDTPGISDTN	176
XP 022335699.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	VCRFNKKKII	VDTPGICDIDDK	82
XP 022297635.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	AIRFNKKKVL	VDTPGVFDDT	82
XP 022291746.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	SVRFNKKKV	VDTPGIFYST	299
XP 022299405.1	GTPase	IMAP	family member 7-like	isoform X1 Crassostrea virginica	SIRFGYKLL	VVDTPGIFDIT	210
XP 022299409.1	GTPase	IMAP	family member 7-like	isoform X4 Crassostrea virginica	SIRFGYKLL	VVDTPGIFDIT	208
XP 022299416.1	GTPase	IMAP	family member 7-like	isoform X8 Crassostrea virginica	SIRFGYKLL	VVDTPGIFDIT	197
XP 022299418.1	GTPase	IMAP	family member 7-like	isoform X9 Crassostrea virginica	SIRFGYKLL	VVDTPGIFDIT	196
XP 022299408.1	GTPase	IMAP	family member 7-like	isoform X3 Crassostrea virginica	SIRFGYKLL	VVDTPGIFDIT	208
XP 022299407.1	GTPase	IMAP	family member 7-like	isoform X2 Crassostrea virginica	SIRFGYKLL	VVDTPGIFDIT	209
XP 022299410.1	GTPase	IMAP	family member 7-like	isoform X5 Crassostrea virginica	SIRFGYKLL	VVDTPGIFDIT	207
XP 022299411.1	GTPase	IMAP	family member 7-like	isoform X6 Crassostrea virginica	SIRFGYKLL	VVDTPGIFDIT	199
XP 022299412.1	GTPase	IMAP	family member 7-like	isoform X6 Crassostrea virginica	SIRFGYKLL	VVDTPGIFDIT	199
XP 022299413.1	GTPase	IMAP	family member 7-like	isoform X6 Crassostrea virginica	SIRFGYKLL	VVDTPGIFDIT	199
XP 022299414.1	GTPase	IMAP	family member 7-like	isoform X6 Crassostrea virginica	SIRFGYKLL	VVDTPGIFDIT	199
XP 022299415.1	GTPase	IMAP	family member 7-like	isoform X7 Crassostrea virginica	SIRFGYKLL	VVDTPGIFDIT	198
XP 022291053.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	ANRFRNRKII	VVDTPGIFDTE	173
XP 022304158.1	GTPase	IMAP	family member 7-like	Crassostrea virginica	EFRRNKKKIV	VDTPGCFDITK	184
XP 022304950.1	GTPase	IMAP	family member 7-like	Crassostrea virginica	ADRFGKEIV	VVDTPGLFDITK	130
XP 022310198.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	GVIFDKKV	VLDTPGIFDITK	179
XP 022296314.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	AVRFRKRKIV	VDTPGIFDITK	70
XP 022301668.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	AVRFRKRKIV	VDTPGIFDITK	70
XP 022301131.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	VDRFRNRKIV	VDTPGIFDTE	87
XP 022301812.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	AYRFRDRKIV	VDTPGIFDTE	67
XP 022301132.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	VNRFRNRKIV	VDTPGIFDTE	67
XP 022301145.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	AYRFRNRKIV	VDTPGIFDTE	67
XP 022301588.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	TIRFSKKKIV	VDTPGIFDTS	87
XP 022301589.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	TIRFSKKKIV	VDTPGIFDTS	87
XP 022301590.1	GTPase	IMAP	family member 7-like	Crassostrea virginica	AIRFNKKKIV	VDTPGIFDTS	85
XP 022296665.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	AQRFGKEIQ	IVDTPGVFDTN	145
XP 022296700.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	AQRFGKEIQ	IVDTPGVFDTN	145
XP 022295827.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	AQRFGKEIQ	IVDTPGVFDTN	145
XP 022301840.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	AQRFGKRIQ	IVDTPGIFDTN	88
XP 022300528.1	LOW QUALITY	PROTEIN: GTPase	IMAP family member 4-like	Crassostrea virginica	AQRFGKRIQ	VVDTPGIFDTX	110
XP 022298533.1	GTPase	IMAP	family member 4-like,	partial Crassostrea virginica	AQRFGKRIQ	IVDTPGIFDTN	65
XP 022297620.1	GTPase	IMAP	family member 7-like	isoform X3 Crassostrea virginica	ANRFGKRIQ	VVDTPGIFDTN	286
XP 022302920.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	AKRFGKRIQ	VVDTPGIFDTS	67
XP 022300251.1	GTPase	IMAP	family member 7-like	Crassostrea virginica	TSRFGKRLV	VVDTPGIFDIT	72
XP 022287294.1	GTPase	IMAP	family member 4-like	isoform X1 Crassostrea virginica	ERRFGKKLV	VVDTPGLCDP	74
XP 022287295.1	GTPase	IMAP	family member 4-like	isoform X1 Crassostrea virginica	ERRFGKKLV	VVDTPGLCDP	74
XP 022292452.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	TERFGKRLV	VVDTPGLFDT	112
XP 022292453.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	TERFGKRLV	VVDTPGLFDT	112
XP 022291927.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	ADRFGKRLV	VVDTPGIFYL	99
XP 022295273.1	GTPase	IMAP	family member 4-like	isoform X1 Crassostrea virginica	TERFGKRLV	VVDTPGLFDT	116
XP 022295274.1	GTPase	IMAP	family member 4-like	isoform X1 Crassostrea virginica	TERFGKRLV	VVDTPGLFDT	116
XP 022295275.1	GTPase	IMAP	family member 4-like	isoform X2 Crassostrea virginica	TDRFGKRLV	VVDTPGLFDT	116
XP 022295276.1	GTPase	IMAP	family member 4-like	isoform X2 Crassostrea virginica	TDRFGKRLV	VVDTPGLFDT	116
XP 022295277.1	GTPase	IMAP	family member 4-like	isoform X2 Crassostrea virginica	TDRFGKRLV	VVDTPGLFDT	116
XP 022295278.1	GTPase	IMAP	family member 4-like	isoform X2 Crassostrea virginica	TDRFGKRLV	VVDTPGLFDT	116
XP 022295279.1	GTPase	IMAP	family member 4-like	isoform X2 Crassostrea virginica	TDRFGKRLV	VVDTPGLFDT	116
XP 022295280.1	GTPase	IMAP	family member 4-like	isoform X3 Crassostrea virginica	TDRFGKRLV	VVDTPGLFDT	116



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XP 022296317.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..ENSEQFLDDMFKCI	CLSPGPFAFVVFV	FNGTKV	110
XP 022302183.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..ENSEQFLDDMFKCI	CLSPGPFAFVVFV	FNGTKV	110
XP 022303805.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	..RTKKQINEI	QRCIGIS	SPGPHGFIFVLS	PLR 170
XP 022303806.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	..RTKKQINEI	QRCIGIS	SPGPHGFIFVLS	PLR 170
XP 022304626.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	..RTKKQINEI	QRCIGIS	SPGPHGFIFVLS	PLR 143
XP 022304627.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	..RTKKQINEI	QRCIGIS	SPGPHGFIFVLS	PLR 124
XP 022304628.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	..RTKKQINEI	QRCIGIS	SPGPHGFIFVLS	PLR 118
XP 022307700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..RTKNQINEI	QRSIGIS	APGPHVFIFVLS	SLR 208
XP 022335699.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..KKTNDVIQL	EISKICMT	SPGPHAFILVISITSR	116
XP 022297635.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..QTNEFTQE	EISKIGIS	SPGPHAFITVINIANR	115
XP 022291746.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..KTNEKTEQ	EMYKCISMTY	PGPHAFLFVINIAVR	332
XP 022299405.1	GTPase	IMAP	family member	7-like	isoform X1 Crassostrea virginica	..QSNEDIQE	EIKKCVLLT	SPGPHAFILILRLDAR	243
XP 022299409.1	GTPase	IMAP	family member	7-like	isoform X4 Crassostrea virginica	..QSNEDIQE	EIKKCVLLT	SPGPHAFILILRLDAR	241
XP 022299416.1	GTPase	IMAP	family member	7-like	isoform X8 Crassostrea virginica	..QSNEDIQE	EIKKCVLLT	SPGPHAFILILRLDAR	230
XP 022299418.1	GTPase	IMAP	family member	7-like	isoform X9 Crassostrea virginica	..QSNEDIQE	EIKKCVLLT	SPGPHAFILILRLDAR	229
XP 022299408.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	..QSNEDIQE	EIKKCVLLT	SPGPHAFILILRLDAR	241
XP 022299407.1	GTPase	IMAP	family member	7-like	isoform X2 Crassostrea virginica	..QSNEDIQE	EIKKCVLLT	SPGPHAFILILRLDAR	242
XP 022299410.1	GTPase	IMAP	family member	7-like	isoform X5 Crassostrea virginica	..QSNEDIQE	EIKKCVLLT	SPGPHAFILILRLDAR	240
XP 022299411.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	..QSNEDIQE	EIKKCVLLT	SPGPHAFILILRLDAR	232
XP 022299412.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	..QSNEDIQE	EIKKCVLLT	SPGPHAFILILRLDAR	232
XP 022299413.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	..QSNEDIQE	EIKKCVLLT	SPGPHAFILILRLDAR	232
XP 022299414.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	..QSNEDIQE	EIKKCVLLT	SPGPHAFILILRLDAR	232
XP 022299415.1	GTPase	IMAP	family member	7-like	isoform X7 Crassostrea virginica	..QSNEDIQE	EIKKCVLLT	SPGPHAFILILRLDAR	231
XP 022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..ETNEKIQE	EIHKIGIT	SPGPHAFIMVISIANR	206
XP 022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	..QSNKIIQE	EISKITLS	SPGPHAFILVISISNR	217
XP 022304950.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	..KTTKKVLN	EISKIGLS	SPGPHAFIMVLSVGSD	163
XP 022310198.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..ESNDEIQE	EILRCIQLS	SPGPHAFIFVLNIATR	212
XP 022296314.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..QTNEEVQN	EIYKIGIT	SPGPHAFILVLSLAAR	103
XP 022301668.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..QTNEEVQN	EIYKIGIT	SPGPHAFILVLSLAAR	103
XP 022301131.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..ETNEKVQE	EIYKIGIT	SPGPHAFILVINAAER	120
XP 022301812.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..ETNEKVQE	EIYKIGIT	SPGPHAFILVINAAER	100
XP 022301132.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..ETNEKIQE	EIFKIGIT	SPGPHAFILVINAAER	100
XP 022301145.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..ETNEKVQE	EIYKIGIT	SPGPHAFILVINAAER	100
XP 022301588.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..ESNENVQE	EINKIGIT	SPGPHAFILVLNIVER	120
XP 022301589.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..ESNENVQE	EINKIGIT	SPGPHAFILVLNIVER	120
XP 022301590.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	..ESNENVQE	EINKIGIT	SPGPHAFILVLNITER	118
XP 022296665.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..IPNDVVQR	EIVKIGMT	SPGPHCFLLVL	GLSR 177
XP 022296700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..IPNDVVQR	EIVKIGMT	SPGPHCFLLVL	GLSR 177
XP 022295827.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..IPNHVVQR	EIVKIGMT	SPGPHCFLLVL	GLSR 177
XP 022301840.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..KPNDVVQR	EIIKIGIT	SPGPHCFLLVM	GLSR 120
XP 022300528.1	LOW QUALITY	PROTEIN: GTPase	IMAP	family member	4-like Crassostrea virginica	..APNDVVQR	EIVKIGIT	SPGPHCFLLVL	GLSR 142
XP 022298533.1	GTPase	IMAP	family member	4-like,	partial Crassostrea virginica	..KPNDVVQR	EIIKIGIT	SPGPHCFLLVM	GLSR 97
XP 022297620.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	..TPNDVVQKK	IFHCIAMT	SPGPHCFLLVL	EVSR 318
XP 022302920.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..TPNDVVQKK	IFQCVAMT	SPGPHCFLLVL	EVSR 99
XP 022300251.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	..VSNDVIMTE	VARCLALSA	PGPHVFITYVFNALSR	105
XP 022287294.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	..SQSDTKIITE	EISKWYTLM	SPGTHAILLVVK	AGR 107
XP 022287295.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	..SQSDTKIITE	EISKWYTLM	SPGTHAILLVVK	AGR 107
XP 022292452.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..TKTKEELKL	EISRWYALV	SPGTHAILLVVQ	VGR 145
XP 022292453.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..TKTKEELKL	EISRWYSIL	SPGTHAILLVVQ	VGR 145
XP 022291927.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..NMTKNEIEM	EISRWYSLV	SPGTHAILLVVR	VGR 132
XP 022295273.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	..NRTEQDILV	EMSKWYSLV	SPGTHAILLVVQ	VGR 149
XP 022295274.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	..NRTEQDILV	EMSKWYSLV	SPGTHAILLVVQ	VGR 149
XP 022295275.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	..NRTEQEILV	EMSKWYSLV	SPGTHAILLVVQ	VGR 149
XP 022295276.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	..NRTEQEILV	EMSKWYSLV	SPGTHAILLVVQ	VGR 149
XP 022295277.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	..NRTEQEILV	EMSKWYSLV	SPGTHAILLVVQ	VGR 149
XP 022295278.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	..NRTEQEILV	EMSKWYSLV	SPGTHAILLVVQ	VGR 149
XP 022295279.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	..NRTEQEILV	EMSKWYSLV	SPGTHAILLVVQ	VGR 149
XP 022295280.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	..NRTEQEILV	EMSKWYSLV	SPGTHAILLVVQ	VGR 149



XP_022296317.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022302183.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022303805.1	GTPase	IMAP	family	member	4-like	isoform X3 Crassostrea virginica
XP_022303806.1	GTPase	IMAP	family	member	4-like	isoform X3 Crassostrea virginica
XP_022304626.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica
XP_022304627.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica
XP_022304628.1	GTPase	IMAP	family	member	4-like	isoform X3 Crassostrea virginica
XP_022307700.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022335699.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022297635.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022291746.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022299405.1	GTPase	IMAP	family	member	7-like	isoform X1 Crassostrea virginica
XP_022299409.1	GTPase	IMAP	family	member	7-like	isoform X4 Crassostrea virginica
XP_022299416.1	GTPase	IMAP	family	member	7-like	isoform X8 Crassostrea virginica
XP_022299418.1	GTPase	IMAP	family	member	7-like	isoform X9 Crassostrea virginica
XP_022299408.1	GTPase	IMAP	family	member	7-like	isoform X3 Crassostrea virginica
XP_022299407.1	GTPase	IMAP	family	member	7-like	isoform X2 Crassostrea virginica
XP_022299410.1	GTPase	IMAP	family	member	7-like	isoform X5 Crassostrea virginica
XP_022299411.1	GTPase	IMAP	family	member	7-like	isoform X6 Crassostrea virginica
XP_022299412.1	GTPase	IMAP	family	member	7-like	isoform X6 Crassostrea virginica
XP_022299413.1	GTPase	IMAP	family	member	7-like	isoform X6 Crassostrea virginica
XP_022299414.1	GTPase	IMAP	family	member	7-like	isoform X6 Crassostrea virginica
XP_022299415.1	GTPase	IMAP	family	member	7-like	isoform X7 Crassostrea virginica
XP_022291053.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022304158.1	GTPase	IMAP	family	member	7-like	Crassostrea virginica
XP_022304950.1	GTPase	IMAP	family	member	7-like	Crassostrea virginica
XP_022310198.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022296314.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301668.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301131.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301812.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301132.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301145.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301588.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301589.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301590.1	GTPase	IMAP	family	member	7-like	Crassostrea virginica
XP_022296665.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022296700.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022295827.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301840.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022300528.1	LOW QUALITY	PROTEIN: GTPase	IMAP	family	member 4-like	Crassostrea virginica
XP_022298533.1	GTPase	IMAP	family	member	4-like,	partial Crassostrea virginica
XP_022297620.1	GTPase	IMAP	family	member	7-like	isoform X3 Crassostrea virginica
XP_022302920.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022300251.1	GTPase	IMAP	family	member	7-like	Crassostrea virginica
XP_022287294.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica
XP_022287295.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica
XP_022292452.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022292453.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022291927.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022295273.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica
XP_022295274.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica
XP_022295275.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica
XP_022295276.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica
XP_022295277.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica
XP_022295278.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica
XP_022295279.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica
XP_022295280.1	GTPase	IMAP	family	member	4-like	isoform X3 Crassostrea virginica

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XP_022296317.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022302183.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022303805.1	GTPase	IMAP	family	member	4-like	isoform X3 Crassostrea virginica
XP_022303806.1	GTPase	IMAP	family	member	4-like	isoform X3 Crassostrea virginica
XP_022304626.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica
XP_022304627.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica
XP_022304628.1	GTPase	IMAP	family	member	4-like	isoform X3 Crassostrea virginica
XP_022307700.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022335699.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022297635.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022291746.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022299405.1	GTPase	IMAP	family	member	7-like	isoform X1 Crassostrea virginica
XP_022299409.1	GTPase	IMAP	family	member	7-like	isoform X4 Crassostrea virginica
XP_022299416.1	GTPase	IMAP	family	member	7-like	isoform X8 Crassostrea virginica
XP_022299418.1	GTPase	IMAP	family	member	7-like	isoform X9 Crassostrea virginica
XP_022299408.1	GTPase	IMAP	family	member	7-like	isoform X3 Crassostrea virginica
XP_022299407.1	GTPase	IMAP	family	member	7-like	isoform X2 Crassostrea virginica
XP_022299410.1	GTPase	IMAP	family	member	7-like	isoform X5 Crassostrea virginica
XP_022299411.1	GTPase	IMAP	family	member	7-like	isoform X6 Crassostrea virginica
XP_022299412.1	GTPase	IMAP	family	member	7-like	isoform X6 Crassostrea virginica
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XP_022299414.1	GTPase	IMAP	family	member	7-like	isoform X6 Crassostrea virginica
XP_022299415.1	GTPase	IMAP	family	member	7-like	isoform X7 Crassostrea virginica
XP_022291053.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022304158.1	GTPase	IMAP	family	member	7-like	Crassostrea virginica
XP_022304950.1	GTPase	IMAP	family	member	7-like	Crassostrea virginica
XP_022310198.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022296314.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301668.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301131.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301812.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301132.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301145.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301588.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301589.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301590.1	GTPase	IMAP	family	member	7-like	Crassostrea virginica
XP_022296665.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022296700.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022295827.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301840.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022300528.1	LOW QUALITY	PROTEIN: GTPase	IMAP	family	member 4-like	Crassostrea virginica
XP_022298533.1	GTPase	IMAP	family	member	4-like,	partial Crassostrea virginica
XP_022297620.1	GTPase	IMAP	family	member	7-like	isoform X3 Crassostrea virginica
XP_022302920.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022300251.1	GTPase	IMAP	family	member	7-like	Crassostrea virginica
XP_022287294.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica
XP_022287295.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica
XP_022292452.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022292453.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022291927.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022295273.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica
XP_022295274.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica
XP_022295275.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica
XP_022295276.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica
XP_022295277.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica
XP_022295278.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica
XP_022295279.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica
XP_022295280.1	GTPase	IMAP	family	member	4-like	isoform X3 Crassostrea virginica

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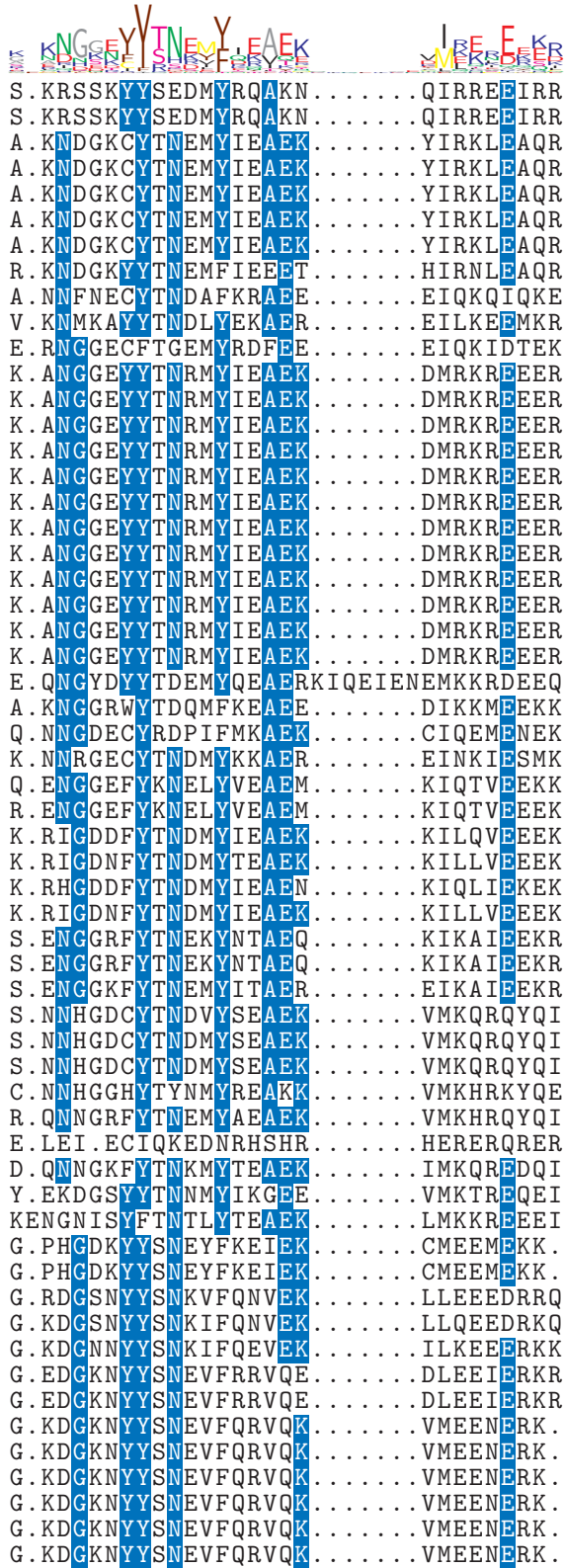


XP 022296317.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	NCEGGVFAMSDNI..RDSDQDKEVQKLLNKVIENV	200
XP 022302183.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	NCEGGVFAMSDNI..RDSDQDKEVQKLLNKVIENV	200
XP 022303805.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	KCGGRTVVFNKKL..KGDENDQVQYLLDFVSENV	260
XP 022303806.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	KCGGRTVVFNKKL..KGDENDQVQYLLDFVSENV	260
XP 022304626.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	KCGGRTVVFNKKL..KGDENDKQVQHLLDFVSENV	233
XP 022304627.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	KCGGRTVVFNKKL..KGDENDKQVQHLLDFVSENV	214
XP 022304628.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	KCGGRTVVFNKKL..KGDENDKQVQHLLDFVSENV	208
XP 022307700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KCGGRTLVFNNNL..KGEENDKQVQCLNFVSENV	298
XP 022335699.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KCEGRVFAALNNMI..KGSQKINEVKILLNLISENV	206
XP 022297635.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KCGDRVFAINNHL..SGSKQDNEVNNLLNLISENM	205
XP 022291746.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KCGGRAIAFDNTL..KGEELDTQVKYLLKEIQTNL	422
XP 022299405.1	GTPase	IMAP	family member	7-like	isoform X1 Crassostrea virginica	KCGGRVIAFDNRC..TEKEQSKQVQELLNTVLENV	333
XP 022299409.1	GTPase	IMAP	family member	7-like	isoform X4 Crassostrea virginica	KCGGRVIAFDNRC..TEKEQSKQVQELLNTVLENV	331
XP 022299416.1	GTPase	IMAP	family member	7-like	isoform X8 Crassostrea virginica	KCGGRVIAFDNRC..TEKEQSKQVQELLNTVLENV	320
XP 022299418.1	GTPase	IMAP	family member	7-like	isoform X9 Crassostrea virginica	KCGGRVIAFDNRC..TEKEQSKQVQELLNTVLENV	319
XP 022299408.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	KCGGRVIAFDNRC..TEKEQSKQVQELLNTVLENV	331
XP 022299407.1	GTPase	IMAP	family member	7-like	isoform X2 Crassostrea virginica	KCGGRVIAFDNRC..TEKEQSKQVQELLNTVLENV	332
XP 022299410.1	GTPase	IMAP	family member	7-like	isoform X5 Crassostrea virginica	KCGGRVIAFDNRC..TEKEQSKQVQELLNTVLENV	330
XP 022299411.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	KCGGRVIAFDNRC..TEKEQSKQVQELLNTVLENV	322
XP 022299412.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	KCGGRVIAFDNRC..TEKEQSKQVQELLNTVLENV	322
XP 022299413.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	KCGGRVIAFDNRC..TEKEQSKQVQELLNTVLENV	322
XP 022299414.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	KCGGRVIAFDNRC..TEKEQSKQVQELLNTVLENV	322
XP 022299415.1	GTPase	IMAP	family member	7-like	isoform X7 Crassostrea virginica	KCGGRVIAFDNRC..TEKEQSKQVQELLNTVLENV	321
XP 022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	RCGGKVFAIDNTL..AGNRQDQVVGKLLSEIFRNL	296
XP 022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	KCGKRVAFAFDNTL..KDEASERQVKELLDLISQNV	307
XP 022304950.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	KCGARVVAFDNTL..NGKASDDQVQDLELICKNI	253
XP 022310198.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KCGGGAFAIENTL..EGGKMDEQVQELLNRISQNV	302
XP 022296314.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KCGNRVIAFDNNL..EGVEQDEQVEKLLDLILENV	194
XP 022301668.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KCGNRVIAFDNNL..EGVEQDQVVEKLLDLILENV	194
XP 022301131.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KCGNRVIAFDNNL..EGLEQNVQVKSLLDLILENV	210
XP 022301812.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KCGNRVLAFDNNL..EGLEQSEQVKRLLDIILENV	190
XP 022301132.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KCGNRILAFDNNL..EGPEQNEQVKKLLDIILENV	190
XP 022301145.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KCGNRVLAFDNNL..EGLEQNEQVKGMLDIILENV	190
XP 022301588.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KCGNRVIAFENKV..KGVEQDTQVKELLKIEKNV	210
XP 022301589.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KCGNRVIAFENKV..KGVEQDTQVKELLKIEKNV	210
XP 022301590.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	KCGNRVLAFENKL..KGVEQDTQVKELLHIEKNV	208
XP 022296665.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KCDHRCIAFNRA..PSPARHDQVEDLLEMINDIV	267
XP 022296700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KCDHRCIAFNRA..PSPARHDQVEDLLEMINDIV	267
XP 022295827.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KCDHRCIAFNRA..PSPARHDQVEDLLEMINDIV	267
XP 022301840.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KCNHRCIAFNNTA..SSPAKEDQVEDLLKMIDDMV	210
XP 022300528.1	LOW QUALITY	PROTEIN:	GTPase	IMAP	family member 4-like Crassostrea virginica	KCGHRCIAFNRA..PXSCENKQVEDLLKMIDDII	232
XP 022298533.1	GTPase	IMAP	family member	4-like,	partial Crassostrea virginica	KCNHCCIAFNNTA..PSPAKEDQVADLLKIEKELL	187
XP 022297620.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	NCNNRCIALNNRA..PGSEKEEQVKNLLEMIDKMV	408
XP 022302920.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KCNHRCIAFNRA..SGSEQEEQVNHLLAEIDRMV	189
XP 022300251.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	NCKWRVCWFNTL..SGSNAGTQVRALLSEVEKMI	195
XP 022287294.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	EINRRYVAVGVR...DENEKEILEILSMIDAIG	196
XP 022287295.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	EINRRYVAVGVR...DENEKEILEILSMIDAIG	196
XP 022292452.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	TNN.RYIAMGYQG..NVQDRDDEVKQILSMVEEIS	236
XP 022292453.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	TNN.GYIAMGYQG..NFKDRDDEVKQILSMVEEIS	236
XP 022291927.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	ANN.RYIAMGYTG..NVKDRDDEVKQILSMVEEIS	221
XP 022295273.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	ASKGRYTAIGYKG..KMEERTMEVKQILSMTEEIA	241
XP 022295274.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	ASKGRYTAIGYKG..KMEERTMEVKQILSMTEEIA	241
XP 022295275.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	ASKGRYTAIGYKG..KIEERTMEVKQILSMIEEIA	241
XP 022295276.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	ASKGRYTAIGYKG..KIEERTMEVKQILSMIEEIA	241
XP 022295277.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	ASKGRYTAIGYKG..KIEERTMEVKQILSMIEEIA	241
XP 022295278.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	ASKGRYTAIGYKG..KIEERTMEVKQILSMIEEIA	241
XP 022295279.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	ASKGRYTAIGYKG..KIEERTMEVKQILSMIEEIA	241
XP 022295280.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	ASKGRYTAIGYKG..KIEERTMEVKQILSMIEEIA	241



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XP 022296317.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022302183.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022303805.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica
XP 022303806.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica
XP 022304626.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica
XP 022304627.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica
XP 022304628.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica
XP 022307700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022335699.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022297635.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022291746.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022299405.1	GTPase	IMAP	family member	7-like	isoform X1 Crassostrea virginica
XP 022299409.1	GTPase	IMAP	family member	7-like	isoform X4 Crassostrea virginica
XP 022299416.1	GTPase	IMAP	family member	7-like	isoform X8 Crassostrea virginica
XP 022299418.1	GTPase	IMAP	family member	7-like	isoform X9 Crassostrea virginica
XP 022299408.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica
XP 022299407.1	GTPase	IMAP	family member	7-like	isoform X2 Crassostrea virginica
XP 022299410.1	GTPase	IMAP	family member	7-like	isoform X5 Crassostrea virginica
XP 022299411.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica
XP 022299412.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica
XP 022299413.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica
XP 022299414.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica
XP 022299415.1	GTPase	IMAP	family member	7-like	isoform X7 Crassostrea virginica
XP 022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica
XP 022304950.1	GTPase	IMAP	family member	7-like	Crassostrea virginica
XP 022310198.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022296314.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022301668.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022301131.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022301812.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022301132.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022301145.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022301588.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022301589.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022301590.1	GTPase	IMAP	family member	7-like	Crassostrea virginica
XP 022296665.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022296700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022295827.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022301840.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022300528.1	LOW QUALITY	PROTEIN: GTPase	IMAP	family member	4-like Crassostrea virginica
XP 022298533.1	GTPase	IMAP	family member	4-like,	partial Crassostrea virginica
XP 022297620.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica
XP 022302920.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022300251.1	GTPase	IMAP	family member	7-like	Crassostrea virginica
XP 022287294.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica
XP 022287295.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica
XP 022292452.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022292453.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022291927.1	GTPase	IMAP	family member	4-like	Crassostrea virginica
XP 022295273.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica
XP 022295274.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica
XP 022295275.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica
XP 022295276.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica
XP 022295277.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica
XP 022295278.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica
XP 022295279.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica
XP 022295280.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica



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XP 022296317.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	NKEEQEKIKS	237
XP 022302183.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	NKEEQEKIKS	237
XP 022303805.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	KQMKREKKEQ	297
XP 022303806.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	KQMKREKKEQ	297
XP 022304626.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	KQMKREKLEQ	270
XP 022304627.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	KQMKREKLEQ	251
XP 022304628.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	KQMKREKLEQ	245
XP 022307700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	KQIKREKTEQ	335
XP 022335699.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	REQIEAAKEK	243
XP 022297635.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	KEQIQKELDR	242
XP 022291746.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	TKQKEEKRIK	459
XP 022299405.1	GTPase	IMAP	family member	7-like	isoform X1 Crassostrea virginica	.....	LQAAIQQQEK	370
XP 022299409.1	GTPase	IMAP	family member	7-like	isoform X4 Crassostrea virginica	.....	LQAAIQQQEK	368
XP 022299416.1	GTPase	IMAP	family member	7-like	isoform X8 Crassostrea virginica	.....	LQAAIQQQEK	357
XP 022299418.1	GTPase	IMAP	family member	7-like	isoform X9 Crassostrea virginica	.....	LQAAIQQQEK	356
XP 022299408.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	.....	LQAAIQQQEK	368
XP 022299407.1	GTPase	IMAP	family member	7-like	isoform X2 Crassostrea virginica	.....	LQAAIQQQEK	369
XP 022299410.1	GTPase	IMAP	family member	7-like	isoform X5 Crassostrea virginica	.....	LQAAIQQQEK	367
XP 022299411.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	LQAAIQQQEK	359
XP 022299412.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	LQAAIQQQEK	359
XP 022299413.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	LQAAIQQQEK	359
XP 022299414.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	LQAAIQQQEK	359
XP 022299415.1	GTPase	IMAP	family member	7-like	isoform X7 Crassostrea virginica	.....	LQAAIQQQEK	358
XP 022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	RIKE.....	MQEIEKRLBK	344
XP 022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....	MKETEEKRKE	344
XP 022304950.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....	MSEMEEVEMR	290
XP 022310198.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	WQENMKTRER	339
XP 022296314.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	VQNEKEKLEE	231
XP 022301668.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	VQNEKEKLEE	231
XP 022301131.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	VQHEKEKLEE	247
XP 022301812.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	LQHEREKLEE	227
XP 022301132.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	LQPEKEKVDE	227
XP 022301145.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	LQHEKEKLEB	227
XP 022301588.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	FREVEEKLVE	247
XP 022301589.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	FREVEEKLVE	247
XP 022301590.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....	FREVEEKLVV	245
XP 022296665.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	EKERERNRER	304
XP 022296700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	EKERERKRER	304
XP 022295827.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	EKDREKRER	304
XP 022301840.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	EKARNRERER	247
XP 022300528.1	LOW QUALITY	PROTEIN:	GTPase	IMAP	family member 4-like Crassostrea virginica	.....	ERDRERKRER	269
XP 022298533.1	GTPase	IMAP	family member	4-like,	partial Crassostrea virginica	.....	ERERERERER	223
XP 022297620.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	.....	EKERNEKCKQ	445
XP 022302920.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	VKKRREKRER	226
XP 022300251.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....	MLDQRKKENE	233
XP 022287294.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	QMRESRNQIRDT	234
XP 022287295.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	QMRESRNQIRDT	234
XP 022292452.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	SEET.....	KEKRKRRLYTDE	279
XP 022292453.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	REKI.....	KEEQKGRRYTDE	279
XP 022291927.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	TEEI.....	KKKFKEKRFSDE	264
XP 022295273.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	IKKI.....	EEENREKKYTLS	284
XP 022295274.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	IKKI.....	EEENREKKYTLS	284
XP 022295275.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	KEKNREKMYTES	279
XP 022295276.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	KEKNREKMYTES	279
XP 022295277.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	KEKNREKMYTES	279
XP 022295278.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	KEKNREKMYTES	279
XP 022295279.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	KEKNREKMYTES	279
XP 022295280.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	KEKNREKMYTES	279



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XP 022296317.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	VIEKHQKELQEMKISEAKVKASNETREEYEKRLQK	272
XP 022302183.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	VIEKHQKELQEMKISEAKVKASNETREEYEKRLQK	272
XP 022303805.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	EYKKIKEEIEQKYLKAIQAGDEKLKEVQNKLDQMH	332
XP 022303806.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	EYKKIKEEIEQKYLKAIQAGDEKLKEVQNKLDQMH	332
XP 022304626.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	AYKKIKEEIEQKYLKAIQAGDEKLKKVQNKLDQMH	305
XP 022304627.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	AYKKIKEEIEQKYLKAIQAGDEKLKKVQNKLDQMH	286
XP 022304628.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	AYKKIKEEIEQKYLKAIQAGDEKLKKVQNKLDQMH	280
XP 022307700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	ENKKIKDEKEQKYLEIEAGDEKLKEVQSELDQMH	370
XP 022335699.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	ELQ.....KLKEEILEKNQGT.	259
XP 022297635.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KVR.....ELEEKVRRENKGN.	258
XP 022291746.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	EMK.....EIEAKEAEKIR...	473
XP 022299405.1	GTPase	IMAP	family member	7-like	isoform X1 Crassostrea virginica	MFK.....ERYQEELNKMK...	384
XP 022299409.1	GTPase	IMAP	family member	7-like	isoform X4 Crassostrea virginica	MFK.....ERYQEELNKMK...	382
XP 022299416.1	GTPase	IMAP	family member	7-like	isoform X8 Crassostrea virginica	MFK.....ERYQEELNKMK...	371
XP 022299418.1	GTPase	IMAP	family member	7-like	isoform X9 Crassostrea virginica	MFK.....ERYQEELNKMK...	370
XP 022299408.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	MFK.....ERYQEELNKMK...	382
XP 022299407.1	GTPase	IMAP	family member	7-like	isoform X2 Crassostrea virginica	MFK.....ERYQEELNKMK...	383
XP 022299410.1	GTPase	IMAP	family member	7-like	isoform X5 Crassostrea virginica	MFK.....ERYQEELNKMK...	381
XP 022299411.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	MFK.....ERYQEELNKMK...	373
XP 022299412.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	MFK.....ERYQEELNKMK...	373
XP 022299413.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	MFK.....ERYQEELNKMK...	373
XP 022299414.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	MFK.....ERYQEELNKMK...	373
XP 022299415.1	GTPase	IMAP	family member	7-like	isoform X7 Crassostrea virginica	MFK.....ERYQEELNKMK...	372
XP 022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KYK.....EKLQQEIDKNSLT	361
XP 022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	ELKAIEERIEGKYSRISEIEKTKLMQVQNELENLH	379
XP 022304950.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	ERD..EERKQ.....KIKLAKNANETN...	310
XP 022310198.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	EFQIIQEKIVEKYQQKADKEREKLERIRDQIREQL	374
XP 022296314.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	EFKHSE.....RQNDQKVEKVQSHL	251
XP 022301668.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	EFKHSE.....RQNDQKVEKVQSHL	251
XP 022301131.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	ELKRFD.....QKHEQAIGGINDEV	267
XP 022301812.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	ELKRFD.....QKHEEAIVGLNDEV	247
XP 022301132.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	ELRRFD.....QKHEEKVGGINDQL	247
XP 022301145.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	DLKRFD.....QKHEQAIEGINDEV	247
XP 022301588.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	DFLTSTI.....RETKQGVKKLATHF	267
XP 022301589.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	DFLTSTI.....RETKQGVKKLATHF	267
XP 022301590.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	DFLTSTI.....KETKQDVKKLATQF	265
XP 022296665.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	ERKAMKREIEEKYRSESRSHYKKESELETRVAELE	339
XP 022296700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	ERKAMKREIEEKYRSESRSHYKRESELETRVAELE	339
XP 022295827.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	ERKAMEREIEEKYRSESRSHYKRESELETRVAELE	339
XP 022301840.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	ERKAMEREIEQKYKKQSRSHQKKEQS.....	273
XP 022300528.1	LOW QUALITY	PROTEIN:	GTPase	IMAP	family member 4-like Crassostrea virginica	ERNAIEREFQKFRSQRESHLDIQSALEIRVAELE	304
XP 022298533.1	GTPase	IMAP	family member	4-like,	partial Crassostrea virginica	ER...ERERERRERERERERERQRETFHSSVVFIFQ	255
XP 022297620.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	DKEKNNCGLGVSGQKCSDDQEELEESDHHEYEANNI	480
XP 022302920.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	NKEKNERELRGSRRQCSDDKEFEFEH.....	251
XP 022300251.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	LSVLRIREEHIEKDRKLKAWMRDIERRLLELESQ	268
XP 022287294.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	YNDVDVRDSTRRIADE.....ESFGKIL	258
XP 022287295.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	YNDVDVRDSTRRIADE.....ESFGKIL	258
XP 022292452.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	EMMNFVDHARAKTREEVFN..ENFRLIMKVATVI	312
XP 022292453.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	EMMNLNFPRAKTRKEIF.....	297
XP 022291927.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	EMIKIVIEARTNIREEVLN..EDFRLIMKVTTIAVL	297
XP 022295273.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	EINALLQSARSESRRVHVN..NNYQ..EDLLTKIF	315
XP 022295274.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	EINALLQSARSESRRVHVN..NNYQ..EDLLTKIF	315
XP 022295275.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	EVNLLLHSARTQSRVDIVN..NNYN..TGLLSDLI	310
XP 022295276.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	EVNLLLHSARTQSRVDIVN..NNYN..TGLLSDLI	310
XP 022295277.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	EVNLLLHSARTQSRVDIVN..NNYN..TGLLSDLI	310
XP 022295278.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	EVNLLLHSARTQSRVDIVN..NNYN..TGLLSDLI	310
XP 022295279.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	EVNLLLHSARTQSRVDIVN..NNYN..TGLLSDLI	310
XP 022295280.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	EVNLLLHSARTQSRVDIVN..NNYN..TGLLSDLI	310

E K L R E E R S R Y L I G S S G E E L N L D Q



XP 022296317.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	MQDEMKETQKASNSGGLVETALNWAVPGAGTFIGN	307
XP 022302183.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	MQDEMKETQKASNSGGLVETALNWAVPGAGTFIGN	307
XP 022303805.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	NQQEQERAVHLHKMNELLRQEEEEKRILLKKEQDDK	367
XP 022303806.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	NQQEQERAVHLHKMNELLRQEEEEKRILLKKEQDDK	367
XP 022304626.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	NQQEQERAAHLHKMEELMRQEEEEKRILLKQEQDEK	340
XP 022304627.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	NQQEQERAAHLHKMEELMRQEEEEKRILLKQEQDEK	321
XP 022304628.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	NQQEQERAAHLHKMEELMRQEEEEKRILLKQEQDEK	315
XP 022307700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	IQLKKERNKNVPC.....	383
XP 022335699.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	259
XP 022297635.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	258
XP 022291746.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	473
XP 022299405.1	GTPase	IMAP	family member	7-like	isoform X1 Crassostrea virginica	.....	384
XP 022299409.1	GTPase	IMAP	family member	7-like	isoform X4 Crassostrea virginica	.....	382
XP 022299416.1	GTPase	IMAP	family member	7-like	isoform X8 Crassostrea virginica	.....	371
XP 022299418.1	GTPase	IMAP	family member	7-like	isoform X9 Crassostrea virginica	.....	370
XP 022299408.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	.....	382
XP 022299407.1	GTPase	IMAP	family member	7-like	isoform X2 Crassostrea virginica	.....	383
XP 022299410.1	GTPase	IMAP	family member	7-like	isoform X5 Crassostrea virginica	.....	381
XP 022299411.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	373
XP 022299412.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	373
XP 022299413.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	373
XP 022299414.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	373
XP 022299415.1	GTPase	IMAP	family member	7-like	isoform X7 Crassostrea virginica	.....	372
XP 022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	FELTELKRNQAEREYEVKNL.MKVVDAKEKQISEC	395
XP 022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	QSKREKEKEVEDLRKNFESF.KKQHEMSSGEERER	413
XP 022304950.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....	310
XP 022310198.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	EKQKMNTDRIVALKNKIEKL.KHELKDSQSDTN..	406
XP 022296314.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	EVLNRKQNN.....TCQIG..SLV	269
XP 022301668.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	EVLNRKQNH.....TCHIG..SLV	269
XP 022301131.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KELSRKQDQE.....EREIG..ALE	285
XP 022301812.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KELSRKQDRE.....EREIG..SIE	265
XP 022301132.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KELSRKQERE.....EREIG..IE	265
XP 022301145.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	KELSRKLDRE.....EHAIPDSDMR	267
XP 022301588.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	EELGVTPKQKCKVNDYDKVDKNVTEKFKGVNTLK	302
XP 022301589.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	EELGVTPKQKCKVNDYDKVDKNVTEKFKGVNTLK	302
XP 022301590.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	EEFGQTPKQKEGDEFNKEEKSVTEKDRRVNTLK	300
XP 022296665.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	SMRDHNGKRSSALEREVLELEDEIESERRQYGTPS	374
XP 022296700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	SMRDHNGKRSSALEREVHELEDEIESERRQYGAPS	374
XP 022295827.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	SMRDHYAKRSSALEREVLELEDEIESERRQYGAPS	374
XP 022301840.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	273
XP 022300528.1	LOW QUALITY	PROTEIN:	GTPase	IMAP	family member 4-like Crassostrea virginica	SLADTSK GK.....	313
XP 022298533.1	GTPase	IMAP	family member	4-like,	partial Crassostrea virginica	P.....	256
XP 022297620.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	K.....	481
XP 022302920.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	251
XP 022300251.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	PKAAGDCVP.....	277
XP 022287294.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	SVVGS.....	263
XP 022287295.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	SVVGS.....	263
XP 022292452.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	PLIASSI.....	319
XP 022292453.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	297
XP 022291927.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	PLISSIVGIYFNFDTI.....	313
XP 022295273.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	STVGTV.....	321
XP 022295274.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	STVGTV.....	321
XP 022295275.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	STVASG.....	316
XP 022295276.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	STVASG.....	316
XP 022295277.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	STVASG.....	316
XP 022295278.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	STVASG.....	316
XP 022295279.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	STVASG.....	316
XP 022295280.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	STVASG.....	316

XP_022296317.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022302183.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022303805.1	GTPase	IMAP	family	member	4-like	isoform X3 Crassostrea virginica
XP_022303806.1	GTPase	IMAP	family	member	4-like	isoform X3 Crassostrea virginica
XP_022304626.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica
XP_022304627.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica
XP_022304628.1	GTPase	IMAP	family	member	4-like	isoform X3 Crassostrea virginica
XP_022307700.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022335699.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022297635.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022291746.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022299405.1	GTPase	IMAP	family	member	7-like	isoform X1 Crassostrea virginica
XP_022299409.1	GTPase	IMAP	family	member	7-like	isoform X4 Crassostrea virginica
XP_022299416.1	GTPase	IMAP	family	member	7-like	isoform X8 Crassostrea virginica
XP_022299418.1	GTPase	IMAP	family	member	7-like	isoform X9 Crassostrea virginica
XP_022299408.1	GTPase	IMAP	family	member	7-like	isoform X3 Crassostrea virginica
XP_022299407.1	GTPase	IMAP	family	member	7-like	isoform X2 Crassostrea virginica
XP_022299410.1	GTPase	IMAP	family	member	7-like	isoform X5 Crassostrea virginica
XP_022299411.1	GTPase	IMAP	family	member	7-like	isoform X6 Crassostrea virginica
XP_022299412.1	GTPase	IMAP	family	member	7-like	isoform X6 Crassostrea virginica
XP_022299413.1	GTPase	IMAP	family	member	7-like	isoform X6 Crassostrea virginica
XP_022299414.1	GTPase	IMAP	family	member	7-like	isoform X6 Crassostrea virginica
XP_022299415.1	GTPase	IMAP	family	member	7-like	isoform X7 Crassostrea virginica
XP_022291053.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022304158.1	GTPase	IMAP	family	member	7-like	Crassostrea virginica
XP_022304950.1	GTPase	IMAP	family	member	7-like	Crassostrea virginica
XP_022310198.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022296314.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301668.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301131.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301812.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301132.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301145.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301588.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301589.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301590.1	GTPase	IMAP	family	member	7-like	Crassostrea virginica
XP_022296665.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022296700.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022295827.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022301840.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022300528.1	LOW QUALITY	PROTEIN: GTPase	IMAP	family	member 4-like	Crassostrea virginica
XP_022298533.1	GTPase	IMAP	family	member	4-like,	partial Crassostrea virginica
XP_022297620.1	GTPase	IMAP	family	member	7-like	isoform X3 Crassostrea virginica
XP_022302920.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022300251.1	GTPase	IMAP	family	member	7-like	Crassostrea virginica
XP_022287294.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica
XP_022287295.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica
XP_022292452.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022292453.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022291927.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica
XP_022295273.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica
XP_022295274.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica
XP_022295275.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica
XP_022295276.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica
XP_022295277.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica
XP_022295278.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica
XP_022295279.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica
XP_022295280.1	GTPase	IMAP	family	member	4-like	isoform X3 Crassostrea virginica

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ELEK  
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KESKMQUIQQLTELENKQKHAELKHKKDLETVKN 437  
KESKMQUIQQLTELENKQKHAELKHKKDLETVKN 437  
KESKMQUIQQLTELEKKQKHAELKHKKDLETVKN 410  
KESKMQUIQQLTELEKKQKHAELKHKKDLETVKN 391  
KESKMQUIQQLTELEKKQKHAELKHKKDLETVKN 385  
..... 383  
..... KDEIQEKYEKKLT 280  
..... LKAEEYEEKMR 275  
..... VREANYESVF 489  
..... QEIEK 393  
..... QEIEK 391  
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GERKIAEIEKAKNEAEE 440  
..... QTLTATIEAQNERTRKIEELQEAKDK 448  
..... QVLKNELEK 325  
..... KQLVEEEEAEESKLSQKIKELKKTRDE 439  
LETCKETTSDRACEIEENK 319  
LETCKETTSDRAREIEENK 319  
LHTRREACIERKEEIEKKK 335  
LGTHRNTFLERKGEIEKKT 315  
LKTHREMVLKSSEEIEKKK 315  
CSNRPVRINEKQPDQSSH 317  
TQENDFASLERRRREKREPRV . . . . VETYDGKPL 366  
TQENDFASLERRRREKREPRV . . . . VETYDGKPL 366  
AHQNEYALHECQGEEREAR . . . . IDVYESTQR 363  
LKR MNQSKSKISKEKD RMYE 429  
LKR MNQSKSKISKEKD RMYE 429  
LKR MNKKTKKISKEKD RMYE 429  
..... 273  
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ELKKIKMTDLTLIEKQQEEI 324  
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						TGEQNLTSMKEEYAKQIDKLNQNTNTGLQKQFQDKG	310
XP 022296317.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	310
XP 022302183.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	310
XP 022303805.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	TGEQNLTSMKEEYAKQIDKLNQNTNTGLQKQFQDKG	472
XP 022303806.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	TGEQNLTSMKEEYAKQIDKLNQNTNTGLQKQFQDKG	472
XP 022304626.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	TGEQNLTSMKEEYAKQIDKLNQNTNTGLQKQFQDKG	445
XP 022304627.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	TGEQNLTSMKEEYAKQIDKLNQNTNTGLQKQFQDKG	426
XP 022304628.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	TGEQNLTSMKEEYAKQIDKLNQNTNTGLQKQFQDKG	420
XP 022307700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	383
XP 022335699.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	280
XP 022297635.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	275
XP 022291746.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	489
XP 022299405.1	GTPase	IMAP	family member	7-like	isoform X1 Crassostrea virginica	.....	393
XP 022299409.1	GTPase	IMAP	family member	7-like	isoform X4 Crassostrea virginica	.....	391
XP 022299416.1	GTPase	IMAP	family member	7-like	isoform X8 Crassostrea virginica	.....	380
XP 022299418.1	GTPase	IMAP	family member	7-like	isoform X9 Crassostrea virginica	.....	379
XP 022299408.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	.....	391
XP 022299407.1	GTPase	IMAP	family member	7-like	isoform X2 Crassostrea virginica	.....	392
XP 022299410.1	GTPase	IMAP	family member	7-like	isoform X5 Crassostrea virginica	.....	390
XP 022299411.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	382
XP 022299412.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	382
XP 022299413.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	382
XP 022299414.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	382
XP 022299415.1	GTPase	IMAP	family member	7-like	isoform X7 Crassostrea virginica	.....	381
XP 022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	440
XP 022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....SEE.IYE	454
XP 022304950.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....V	326
XP 022310198.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....SAERIKT	446
XP 022296314.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....RNILEIC	326
XP 022301668.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....RNIEIC	326
XP 022301131.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....RESLNL	342
XP 022301812.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....RISVNLC	322
XP 022301132.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....RDSFDLC	322
XP 022301145.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....SDTLNLI	324
XP 022301588.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....RDSLRLC	373
XP 022301589.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....RDSLRLC	373
XP 022301590.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....RESLQNC	370
XP 022296665.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....Q	430
XP 022296700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....Q	430
XP 022295827.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....Q	430
XP 022301840.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	273
XP 022300528.1	LOW QUALITY	PROTEIN:	GTPase	IMAP	family member 4-like Crassostrea virginica	.....	321
XP 022298533.1	GTPase	IMAP	family member	4-like,	partial Crassostrea virginica	.....	256
XP 022297620.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	.....	481
XP 022302920.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	251
XP 022300251.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....K	325
XP 022287294.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	263
XP 022287295.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	263
XP 022292452.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	319
XP 022292453.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	297
XP 022291927.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	313
XP 022295273.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	321
XP 022295274.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	321
XP 022295275.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	316
XP 022295276.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	316
XP 022295277.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	316
XP 022295278.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	316
XP 022295279.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	316
XP 022295280.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	316

XP	022296317.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	.....	310
XP	022302183.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	.....	310
XP	022303805.1	GTPase	IMAP	family	member	4-like	isoform X3 Crassostrea virginica	TELENLKKIVETSKVEAEKQFHQDLKRENEKQNK	507
XP	022303806.1	GTPase	IMAP	family	member	4-like	isoform X3 Crassostrea virginica	TELENLKKIVETSKVEAEKQFHQDLKRENEKQNK	507
XP	022304626.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica	TELENLKKIVEKSKLEAEKQFHQDLKRENEKQNK	480
XP	022304627.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica	TELENLKKIVEKSKLEAEKQFHQDLKRENEKQNK	461
XP	022304628.1	GTPase	IMAP	family	member	4-like	isoform X3 Crassostrea virginica	TELENLKKIVEKSKLEAEKQFHQDLKRENEKQNK	455
XP	022307700.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	.....	383
XP	022335699.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	NVRDDIRKEYANAAIQ...MVSSVGSYVYNAV...	309
XP	022297635.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	NVRDGIRGDISTMQLLRDFILGMLGGFLKKILPIP	310
XP	022291746.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	NVFNSLRGFFS.....	500
XP	022299405.1	GTPase	IMAP	family	member	7-like	isoform X1 Crassostrea virginica	KMEEFVKD..QKAKMEEDIERMKR.ENRDISRDMV	425
XP	022299409.1	GTPase	IMAP	family	member	7-like	isoform X4 Crassostrea virginica	KMEEFVKD..QKAKMEEDIERMKR.ENRDISRDMV	423
XP	022299416.1	GTPase	IMAP	family	member	7-like	isoform X8 Crassostrea virginica	KMEEFVKD..QKAKMEEDIERMKR.ENRDISRDMV	412
XP	022299418.1	GTPase	IMAP	family	member	7-like	isoform X9 Crassostrea virginica	KMEEFVKD..QKAKMEEDIERMKR.ENRDISRDMV	411
XP	022299408.1	GTPase	IMAP	family	member	7-like	isoform X3 Crassostrea virginica	KMEEFVKD..QKAKMEEDIERMKR.ENRDISRDMV	423
XP	022299407.1	GTPase	IMAP	family	member	7-like	isoform X2 Crassostrea virginica	KMEEFVKD..QKAKMEEDIERMKR.ENRDISRDMV	424
XP	022299410.1	GTPase	IMAP	family	member	7-like	isoform X5 Crassostrea virginica	KMEEFVKD..QKAKMEEDIERMKR.ENRDISRDMV	422
XP	022299411.1	GTPase	IMAP	family	member	7-like	isoform X6 Crassostrea virginica	KMEEFVKD..QKAKMEEDIERMKR.ENRDISRDMV	414
XP	022299412.1	GTPase	IMAP	family	member	7-like	isoform X6 Crassostrea virginica	KMEEFVKD..QKAKMEEDIERMKR.ENRDISRDMV	414
XP	022299413.1	GTPase	IMAP	family	member	7-like	isoform X6 Crassostrea virginica	KMEEFVKD..QKAKMEEDIERMKR.ENRDISRDMV	414
XP	022299414.1	GTPase	IMAP	family	member	7-like	isoform X6 Crassostrea virginica	KMEEFVKD..QKAKMEEDIERMKR.ENRDISRDMV	414
XP	022299415.1	GTPase	IMAP	family	member	7-like	isoform X7 Crassostrea virginica	KMEEFVKD..QKAKMEEDIERMKR.ENRDISRDMV	413
XP	022291053.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	KNAQIEK..QKQLEDTRREYDR.KQDDMYREEI	472
XP	022304158.1	GTPase	IMAP	family	member	7-like	Crassostrea virginica	EIRKIQLE..ERERAKLEYTKIEREKARDDVKEYI	487
XP	022304950.1	GTPase	IMAP	family	member	7-like	Crassostrea virginica	DVRAILGP..GRS....YSSFEEKKIRDNVKDI	354
XP	022310198.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	KFHMCDD..EIDKAYEHYTEQQKAKYRDEIRKVF	479
XP	022296314.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	KIQKENRD..RFKRELEEKLAVKRNLFRDEIRRDV	359
XP	022301668.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	KIQKENRD..RFKRELEEKLAVKRNLVRDEIRKDV	359
XP	022301131.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	KIQHNRE..KFKQQLEDELSFKRIEARENIRKEI	375
XP	022301812.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	KIKHNRE..KFKQQLEGLNLRRKEVRDDIRKAI	355
XP	022301132.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	KTQHDERE..KFKHQDLDGKLNLRREEVREDIRKEI	355
XP	022301145.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	RDEFSQPMGPTPIDRTRDKMVKSLVNTRKTRDSRI	359
XP	022301588.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	HLPGNQGE..EIKRELEEKLRLLEKGGKVRDEIRKEI	406
XP	022301589.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	HLPGNQGE..EIKRELEEKLRLLEKGGKVRDEIRKEI	406
XP	022301590.1	GTPase	IMAP	family	member	7-like	Crassostrea virginica	RLPGHHGE..EIKRELEEKLRLVEKGRVRDEIRREI	403
XP	022296665.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	RLEELDRKYSYQLQTPRQEVQRQEVESGSGNVGEALL	465
XP	022296700.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	RLEELDRKYSYQLQTPRQEVQRQEVESGSGNVGEALL	465
XP	022295827.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	RLEELDRKYNQLQNPRIYEVQRQEVESGSGNVGEALL	465
XP	022301840.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	.....	273
XP	022300528.1	LOW QUALITY	PROTEIN:	GTPase	IMAP	family	member 4-like Crassostrea virginica	.....	321
XP	022298533.1	GTPase	IMAP	family	member	4-like,	partial Crassostrea virginica	.....	256
XP	022297620.1	GTPase	IMAP	family	member	7-like	isoform X3 Crassostrea virginica	.....FSARRQAIHELETNSGNITNALW	504
XP	022302920.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	.....FSPRQQAIIYELENNLGNITNSLW	274
XP	022300251.1	GTPase	IMAP	family	member	7-like	Crassostrea virginica	KLKERLSKGYHRGNPRSMARVESKRNSSFSQMV	360
XP	022287294.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica	.....FVR	266
XP	022287295.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica	.....FVR	266
XP	022292452.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	.....NLVDSH	325
XP	022292453.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	.....SFENPY	303
XP	022291927.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	.....YEAILHYVTCFIPTIIGIYLNFS	336
XP	022295273.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica	.....ILATGGFIT	330
XP	022295274.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica	.....ILATGGFIT	330
XP	022295275.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica	.....LYALGAFVV	325
XP	022295276.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica	.....LYALGAFVV	325
XP	022295277.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica	.....LYALGAFVV	325
XP	022295278.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica	.....LYALGAFVV	325
XP	022295279.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica	.....LYALGAFVV	325
XP	022295280.1	GTPase	IMAP	family	member	4-like	isoform X3 Crassostrea virginica	.....LYALGAFVV	325

XP	022296317.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	310
XP	022302183.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	310
XP	022303805.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	EEKGTERNEIRQELAEDPSKIVRAFNAAGKAVSKA	542
XP	022303806.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	EEKGTERNEIRQELAEDPSKIVRAFNAAGKAVSKA	542
XP	022304626.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	EDKGTERNEIRQEIAEDPSKIVRAFNAAGKFVAEA	515
XP	022304627.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	EDKGTERNEIRQEIAEDPSKIVRAFNAAGKFVAEA	496
XP	022304628.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	EDKGTERNEIRQEIAEDPSKIVRAFNAAGKFVAEA	490
XP	022307700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	383
XP	022335699.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	....GSVYSYFTGAK.....	320
XP	022297635.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	VENKGNKSAITHHPKITKKFQSKL.....	334
XP	022291746.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....SLYHDS.....	506
XP	022299405.1	GTPase	IMAP	family member	7-like	isoform X1 Crassostrea virginica	EENGSSGLCVIL.....	437
XP	022299409.1	GTPase	IMAP	family member	7-like	isoform X4 Crassostrea virginica	EENGSSGLCVIL.....	435
XP	022299416.1	GTPase	IMAP	family member	7-like	isoform X8 Crassostrea virginica	EENGSSGLCVIL.....	424
XP	022299418.1	GTPase	IMAP	family member	7-like	isoform X9 Crassostrea virginica	EENGSSGLCVIL.....	423
XP	022299408.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	EENGSSGLCVIL.....	435
XP	022299407.1	GTPase	IMAP	family member	7-like	isoform X2 Crassostrea virginica	EENGSSGLCVIL.....	436
XP	022299410.1	GTPase	IMAP	family member	7-like	isoform X5 Crassostrea virginica	EENGSSGLCVIL.....	434
XP	022299411.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	EENGSSGLCVIL.....	426
XP	022299412.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	EENGSSGLCVIL.....	426
XP	022299413.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	EENGSSGLCVIL.....	426
XP	022299414.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	EENGSSGLCVIL.....	426
XP	022299415.1	GTPase	IMAP	family member	7-like	isoform X7 Crassostrea virginica	EENGSSGLCVIL.....	425
XP	022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	RHQIEMQMALPKQIWDTVKSVGGFLKSIFGR...	503
XP	022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	SHNGFFSSLVDFIGIKIGSKLLDLLDSDDTPLP..	520
XP	022304950.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	SNNGFCRLMQQCEI.....	368
XP	022310198.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	AF..WPVEMLKQGIKKGIEFLSDIFSK.....	504
XP	022296314.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	EE.KEDSPP.TECTIL.....	373
XP	022301668.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	EE.KQDSPP.TECTIL.....	373
XP	022301131.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	EG.KPASKTWSECTVL.....	390
XP	022301812.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	EV.KGAYKKWSECTVL.....	370
XP	022301132.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	EA.KKPSK...ECIIL.....	367
XP	022301145.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	RGSRNDYLKMAQNSFIK.....	376
XP	022301588.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	EH.KRRSVSWNSCIIL.....	421
XP	022301589.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	EH.KRRSVSWNSCIIL.....	421
XP	022301590.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	EQ.KRRSMS...CIIL.....	415
XP	022296665.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GGIMTIGKLIWKGIQMIF.....	483
XP	022296700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GGIMTIGKLIWKGIQMIF.....	483
XP	022295827.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GGIMTIGKLIWKGIQMII.....	483
XP	022301840.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	273
XP	022300528.1	LOW QUALITY	PROTEIN:	GTPase	IMAP	family member 4-like Crassostrea virginica	.....	321
XP	022298533.1	GTPase	IMAP	family member	4-like,	partial Crassostrea virginica	.....	256
XP	022297620.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	DGLIALGKFYRDFSRLVLDRIY.....	526
XP	022302920.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	IAFKAF.....	280
XP	022300251.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	RGIIALGKHLLTGLLGLLLL.....	380
XP	022287294.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	LIAVKAAEFIMRHFDV.....	283
XP	022287295.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	LIAVKAAEFIMRHFDV.....	283
XP	022292452.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	TFFDSCIYLIKRFGLF.....	341
XP	022292453.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	TVFDAFISFIRRYIVF.....	319
XP	022291927.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	TIYDAILYVYVTRLIEFFFSALWVNLF.....	361
XP	022295273.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	RGIGAALSMVGGWFGF.....	346
XP	022295274.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	RGIGAALSMVGGWFGF.....	346
XP	022295275.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	GGAGALLSFVGGWFGF.....	341
XP	022295276.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	GGAGALLSFVGGWFGF.....	341
XP	022295277.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	GGAGALLSFVGGWFGF.....	341
XP	022295278.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	GGAGALLSFVGGWFGF.....	341
XP	022295279.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	GGAGALLSFVGGWFGF.....	341
XP	022295280.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	GGAGALLSFVGGWFGF.....	341





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XP 022296317.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	310
XP 022302183.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	310
XP 022303805.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	YDKVTSACTIS.....	553
XP 022303806.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	YDKVTSACTIS.....	553
XP 022304626.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	YDTVTSACTIS.....	526
XP 022304627.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	YDTVTSACTIS.....	507
XP 022304628.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	YDTVTSACTIS.....	501
XP 022307700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	383
XP 022335699.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	320
XP 022297635.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	334
XP 022291746.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	506
XP 022299405.1	GTPase	IMAP	family member	7-like	isoform X1 Crassostrea virginica	.....	437
XP 022299409.1	GTPase	IMAP	family member	7-like	isoform X4 Crassostrea virginica	.....	435
XP 022299416.1	GTPase	IMAP	family member	7-like	isoform X8 Crassostrea virginica	.....	424
XP 022299418.1	GTPase	IMAP	family member	7-like	isoform X9 Crassostrea virginica	.....	423
XP 022299408.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	.....	435
XP 022299407.1	GTPase	IMAP	family member	7-like	isoform X2 Crassostrea virginica	.....	436
XP 022299410.1	GTPase	IMAP	family member	7-like	isoform X5 Crassostrea virginica	.....	434
XP 022299411.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	426
XP 022299412.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	426
XP 022299413.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	426
XP 022299414.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	.....	426
XP 022299415.1	GTPase	IMAP	family member	7-like	isoform X7 Crassostrea virginica	.....	425
XP 022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	503
XP 022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....	520
XP 022304950.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....	368
XP 022310198.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	504
XP 022296314.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	373
XP 022301668.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	373
XP 022301131.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	390
XP 022301812.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	370
XP 022301132.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	367
XP 022301145.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	376
XP 022301588.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	421
XP 022301589.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	421
XP 022301590.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....	415
XP 022296665.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	483
XP 022296700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	483
XP 022295827.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	483
XP 022301840.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	273
XP 022300528.1	LOW QUALITY	PROTEIN: GTPase	IMAP	family member	4-like Crassostrea virginica	.....	321
XP 022298533.1	GTPase	IMAP	family member	4-like,	partial Crassostrea virginica	.....	256
XP 022297620.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	.....	526
XP 022302920.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	280
XP 022300251.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....	380
XP 022287294.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	283
XP 022287295.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	283
XP 022292452.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	341
XP 022292453.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	319
XP 022291927.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	361
XP 022295273.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	346
XP 022295274.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....	346
XP 022295275.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	341
XP 022295276.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	341
XP 022295277.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	341
XP 022295278.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	341
XP 022295279.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....	341
XP 022295280.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....	341

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XP 022296317.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	....	310
XP 022302183.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	....	310
XP 022303805.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	....	553
XP 022303806.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	....	553
XP 022304626.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	....	526
XP 022304627.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	....	507
XP 022304628.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	....	501
XP 022307700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	....	383
XP 022335699.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	....	320
XP 022297635.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	....	334
XP 022291746.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	....	506
XP 022299405.1	GTPase	IMAP	family member	7-like	isoform X1 Crassostrea virginica	....	437
XP 022299409.1	GTPase	IMAP	family member	7-like	isoform X4 Crassostrea virginica	....	435
XP 022299416.1	GTPase	IMAP	family member	7-like	isoform X8 Crassostrea virginica	....	424
XP 022299418.1	GTPase	IMAP	family member	7-like	isoform X9 Crassostrea virginica	....	423
XP 022299408.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	....	435
XP 022299407.1	GTPase	IMAP	family member	7-like	isoform X2 Crassostrea virginica	....	436
XP 022299410.1	GTPase	IMAP	family member	7-like	isoform X5 Crassostrea virginica	....	434
XP 022299411.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	....	426
XP 022299412.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	....	426
XP 022299413.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	....	426
XP 022299414.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	....	426
XP 022299415.1	GTPase	IMAP	family member	7-like	isoform X7 Crassostrea virginica	....	425
XP 022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	....	503
XP 022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	....	520
XP 022304950.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	....	368
XP 022310198.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	....	504
XP 022296314.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	....	373
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XP 022295276.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	....	341
XP 022295277.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	....	341
XP 022295278.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	....	341
XP 022295279.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	....	341
XP 022295280.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	....	341

 non conserved  
  $\geq 50\%$  conserved