

logo

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
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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
XP 022292453.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
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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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
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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	EKNIFICTTFGVSDDLIDIESLYHSFL	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 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	MTRKSLQVQLGYSRFQIYPVDVCPKN	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
XP 022292453.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	0
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 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 2015	
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
XP 022307700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	VVAFICMVICLTVVFIGILYFLNYKRRHTNDND	49
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
XP 022299415.1	GTPase	IMAP	family member	7-like	isoform X7 Crassostrea virginica	.MESIETFLRHLGQERFIEIFLDNELDLDLLKSLS	34
XP 022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	...MESFLKSIGKERHLDAFNKNEITLDLLKTL	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
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 virginicaMGFMY	5
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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
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	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	.MLKKEKVMMDHLKITFFLVLIIVFPVISSPMDCCQDG	34
XP 022295274.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.MLKKEKVMMDHLKITFFLVLIIVFPVISSPMDCCQDG	34
XP 022295275.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.MLKKEKVMMDHLKITFFLVLIIVFPVISSPMDCCQDG	34
XP 022295276.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.MLKKEKVMMDHLKITFFLVLIIVFPVISSPMDCCQDG	34
XP 022295277.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.MLKKEKVMMDHLKITFFLVLIIVFPVISSPMDCCQDG	34
XP 022295278.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.MLKKEKVMMDHLKITFFLVLIIVFPVISSPMDCCQDG	34
XP 022295279.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.MLKKEKVMMDHLKITFFLVLIIVFPVISSPMDCCQDG	34
XP 022295280.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.MLKKEKVMMDHLKITFFLVLIIVFPVISSPMDCCQDG	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	ILDYKGCLRELHGLTTPLANYTSGTPHDTMPDDNL	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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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..WTCSRCTLNIGHRSR	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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						LDVTEQQRSSQAVQKVKALVGDFEKISTTQRKEA	0
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	.....AGS...NTDKKIDIDKDEENMPA	49
XP 022303806.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	.....AGS...NTDKKIDIDKDEENMPA	49
XP 022304626.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	.....AGS...NTDKKIDIEKDEENMPA	22
XP 022304627.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	.....MPA	3
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	.....MDCRFNSTDKVNESYIGGENIPG	87
XP 022335699.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....MG	2
XP 022297635.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....MG	2
XP 022291746.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	FQMQRDGDGNNSLHPEEPPLLGELNERKDADIKKA	210
XP 022299405.1	GTPase	IMAP	family member	7-like	isoform X1 Crassostrea virginica	LDVTEQQRSSQDTVQKVKALVGDFEKISTTQRKEA	124
XP 022299409.1	GTPase	IMAP	family member	7-like	isoform X4 Crassostrea virginica	LDVTEQQRSSQDTVQKVKALVGDFEKISTTQRKEA	122
XP 022299416.1	GTPase	IMAP	family member	7-like	isoform X8 Crassostrea virginica	.....VQKVKALVGDFEKISTTQRKEA	111
XP 022299418.1	GTPase	IMAP	family member	7-like	isoform X9 Crassostrea virginica	.....VQKVKALVGDFEKISTTQRKEA	110
XP 022299408.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	LDVTEQQRSSQAVQKVKALVGDFEKISTTQRKEA	122
XP 022299407.1	GTPase	IMAP	family member	7-like	isoform X2 Crassostrea virginica	LDVTEQQRSSQAVQKVKALVGDFEKISTTQRKEA	123
XP 022299410.1	GTPase	IMAP	family member	7-like	isoform X5 Crassostrea virginica	LDVTEQQRSSQAVQKVKALVGDFEKISTTQRKEA	121
XP 022299411.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	LDVTEQQRSSQDTVQKVKALVGDFEKISTTQRKEA	113
XP 022299412.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	LDVTEQQRSSQDTVQKVKALVGDFEKISTTQRKEA	113
XP 022299413.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	LDVTEQQRSSQDTVQKVKALVGDFEKISTTQRKEA	113
XP 022299414.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	LDVTEQQRSSQDTVQKVKALVGDFEKISTTQRKEA	113
XP 022299415.1	GTPase	IMAP	family member	7-like	isoform X7 Crassostrea virginica	LDVTEQQRSSQAVQKVKALVGDFEKISTTQRKEA	112
XP 022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....AVNEVVKPIGNNEIIDGRMEISS	86
XP 022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....SSYSTASQ.....	116
XP 022304950.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....	64
XP 022310198.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....KTSSQAAQNTCSSHFVPGREAKSQ	92
XP 022296314.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	3
XP 022301668.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	3
XP 022301131.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	20
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	.....	20
XP 022301589.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	20
XP 022301590.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	.....	18
XP 022296665.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	CVHCGDNNRSRQSDSIWPCPSCTFMNEGNSKSCGA	56
XP 022296700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	CVHCGDNNRSRQSDSIWPCPSCTFMNEGNSKSCGA	56
XP 022295827.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	CVQCGDNNRSRHDSDIWPCPSCTFMNEGNSKSCGA	56
XP 022301840.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....NQSTRKLEISIC.....	19
XP 022300528.1	LOW QUALITY	PROTEIN:	GTPase	IMAP	family member 4-like Crassostrea virginica	CDACLSPKGHRNITISNAST.....	40
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	TEKTVLSIQSEHRPVAEDKDKTKNTDDQATSIE	197
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	.....	44
XP 022292453.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	44
XP 022291927.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	.....	31
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 virginicaMGCGASKSFQIERE	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	GSNTDKKIDIDKGFCNWDLNSSTENE	IRLVLLG	KT	84
XP 022303806.1	GTPase	IMAP	family member 4-like	isoform X3 Crassostrea virginica	GSNTDKKIDIDKGFCNWDLNSSTENE	IRLVLLG	KT	84
XP 022304626.1	GTPase	IMAP	family member 4-like	isoform X1 Crassostrea virginica	GSNTDKKIDIEKGFCNWDLNSSTENE	IRLVLLG	KT	57
XP 022304627.1	GTPase	IMAP	family member 4-like	isoform X2 Crassostrea virginica	GSNTDKKIDIEKGFCNWDLNSSTENE	IRLVLLG	KT	38
XP 022304628.1	GTPase	IMAP	family member 4-like	isoform X3 Crassostrea virginica	...MKTEIPSPSRFCNWDLNSSTENE	IRLVLLG	KT	32
XP 022307700.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	ESNTDEKTEFGNASCTLDADSYTEN	ELRVLLG	TT	122
XP 022335699.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	CNSSKSVSLEKSK.....	KEIRLVLL	GKT	27
XP 022297635.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	CKSSKRPRREEIQN.....	MEIRLVLL	GKT	28
XP 022291746.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	NNTDGTSSSTGHTEDGGPCLVYIKYB	EIRLVLF	GGK	245
XP 022299405.1	GTPase	IMAP	family member 7-like	isoform X1 Crassostrea virginica	CPSSHFEKTENRFSFDKYT...YKE	EIRLVLL	GKT	156
XP 022299409.1	GTPase	IMAP	family member 7-like	isoform X4 Crassostrea virginica	CPSSHFEKTENRFSFDKYT...YKE	EIRLVLL	GKT	154
XP 022299416.1	GTPase	IMAP	family member 7-like	isoform X8 Crassostrea virginica	CPSSHFEKTENRFSFDKYT...YKE	EIRLVLL	GKT	143
XP 022299418.1	GTPase	IMAP	family member 7-like	isoform X9 Crassostrea virginica	CPSSHFEKTENRFSFDKYT...YKE	EIRLVLL	GKT	142
XP 022299408.1	GTPase	IMAP	family member 7-like	isoform X3 Crassostrea virginica	CPSSHFEKTENRFSFDKYT...YKE	EIRLVLL	GKT	154
XP 022299407.1	GTPase	IMAP	family member 7-like	isoform X2 Crassostrea virginica	CPSSHFEKTENRFSFDKYT...YKE	EIRLVLL	GKT	155
XP 022299410.1	GTPase	IMAP	family member 7-like	isoform X5 Crassostrea virginica	CPSSHFEKTENRFSFDKYT...YKE	EIRLVLL	GKT	153
XP 022299411.1	GTPase	IMAP	family member 7-like	isoform X6 Crassostrea virginica	CPSSHFEKTENRFSFDKYT...YKE	EIRLVLL	GKT	145
XP 022299412.1	GTPase	IMAP	family member 7-like	isoform X6 Crassostrea virginica	CPSSHFEKTENRFSFDKYT...YKE	EIRLVLL	GKT	145
XP 022299413.1	GTPase	IMAP	family member 7-like	isoform X6 Crassostrea virginica	CPSSHFEKTENRFSFDKYT...YKE	EIRLVLL	GKT	145
XP 022299414.1	GTPase	IMAP	family member 7-like	isoform X6 Crassostrea virginica	CPSSHFEKTENRFSFDKYT...YKE	EIRLVLL	GKT	145
XP 022299415.1	GTPase	IMAP	family member 7-like	isoform X7 Crassostrea virginica	CPSSHFEKTENRFSFDKYT...YKE	EIRLVLL	GKT	144
XP 022291053.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	PKDVMGREKQEMWDFSEVCP..AERE	VRLVLL	GKT	119
XP 022304158.1	GTPase	IMAP	family member 7-like	Crassostrea virginica	.....F..YDE	EIRIVLL	GKT	130
XP 022304950.1	GTPase	IMAP	family member 7-like	Crassostrea virginica	.....KLTLR	IVLLG	KT	76
XP 022310198.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	SMESEKTSADDSCSMPDSRS..IPQ	EVRI	VLLGKT	125
XP 022296314.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....IDRE	IRIVLL	GKT	16
XP 022301668.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....IDRE	VRLVLL	GKT	16
XP 022301131.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....MWRE	IRLVLL	GKT	33
XP 022301812.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....MKQE	IRLVLL	GKT	13
XP 022301132.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....MKKE	IRLVLL	GKT	13
XP 022301145.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....MEKE	IRLVLL	GKT	13
XP 022301588.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....FDKE	IRLVLL	GKT	33
XP 022301589.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....FDKE	IRLVLL	GKT	33
XP 022301590.1	GTPase	IMAP	family member 7-like	Crassostrea virginica	.....IDKE	IRIVLL	GKT	31
XP 022296665.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	CGSHKGGGGGYRSRGKSRYGKGIDN	EVRI	VLLGKT	91
XP 022296700.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	CGSHKGGGGGYRSYGKSRYGKGIDN	EVRI	VLLGKT	91
XP 022295827.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	CGSHKGGGGGHGSRGKSRYGKGIDN	EVRI	VLLGKT	91
XP 022301840.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....IGIDKE	EVRI	VLLGKT	34
XP 022300528.1	LOW QUALITY	PROTEIN: GTPase	IMAP family member 4-like	Crassostrea virginica	.....HRNNGE	EVRI	ALLGKT	56
XP 022298533.1	GTPase	IMAP	family member 4-like,	partial Crassostrea virginica	.....KEVRI	IVLQ	GKT	11
XP 022297620.1	GTPase	IMAP	family member 7-like	isoform X3 Crassostrea virginica	VGKGQMKDNAEKHNGEDTNLNSRCS	IMRI	VLLGKT	232
XP 022302920.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....MCSNL	RI	VLLGKT	13
XP 022300251.1	GTPase	IMAP	family member 7-like	Crassostrea virginica	.....METLQDNGE	FR	LVLLGKT	18
XP 022287294.1	GTPase	IMAP	family member 4-like	isoform X1 Crassostrea virginica	.....NNEVRI	LLIGKT		21
XP 022287295.1	GTPase	IMAP	family member 4-like	isoform X1 Crassostrea virginica	.....NNEVRI	LLIGKT		21
XP 022292452.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....DSSNN	ERRILL	IGKT	59
XP 022292453.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....DSSNN	ERRILL	IGKT	59
XP 022291927.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	.....DFNNN	ERRILL	IGKT	46
XP 022295273.1	GTPase	IMAP	family member 4-like	isoform X1 Crassostrea virginica	.....AINSNE	IRILL	IGKT	63
XP 022295274.1	GTPase	IMAP	family member 4-like	isoform X1 Crassostrea virginica	.....AINSNE	IRILL	IGKT	63
XP 022295275.1	GTPase	IMAP	family member 4-like	isoform X2 Crassostrea virginica	.....AINNDE	VRILL	IGKT	63
XP 022295276.1	GTPase	IMAP	family member 4-like	isoform X2 Crassostrea virginica	.....AINNDE	VRILL	IGKT	63
XP 022295277.1	GTPase	IMAP	family member 4-like	isoform X2 Crassostrea virginica	.....AINNDE	VRILL	IGKT	63
XP 022295278.1	GTPase	IMAP	family member 4-like	isoform X2 Crassostrea virginica	.....AINNDE	VRILL	IGKT	63
XP 022295279.1	GTPase	IMAP	family member 4-like	isoform X2 Crassostrea virginica	.....AINNDE	VRILL	IGKT	63
XP 022295280.1	GTPase	IMAP	family member 4-like	isoform X3 Crassostrea virginicaAINNDE	VRILL	IGKT	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	GAG	KS	AT	GNS	ILG.	KKAF	V	SS	MS	SAT	G	AST	YY	QSH		156									
XP 022335699.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNT	ILG.	FTK	F	SS	KL	SA	I	SET	SV	CS	LSI	61									
XP 022297635.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNT	ILG.	IKK	F	K	S	E	L	S	G	K	S	E	T	K	M	C	S	Q	W	S	62
XP 022291746.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNS	ILG.	SNA	F	E	S	M	P	S	G	N	S	V	N	R	V	C	S	M	K	T	279
XP 022299405.1	GTPase	IMAP	family member	7-like	isoform X1 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	KYN	F	E	S	T	F	S	G	S	S	V	T	R	V	C	S	K	K	F	190
XP 022299409.1	GTPase	IMAP	family member	7-like	isoform X4 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	KYN	F	E	S	T	F	S	G	S	S	V	T	R	V	C	S	K	K	F	188
XP 022299416.1	GTPase	IMAP	family member	7-like	isoform X8 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	KYN	F	E	S	T	F	S	G	S	S	V	T	R	V	C	S	K	K	F	177
XP 022299418.1	GTPase	IMAP	family member	7-like	isoform X9 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	KYN	F	E	S	T	F	S	G	S	S	V	T	R	V	C	S	K	K	F	176
XP 022299408.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	KYN	F	E	S	T	F	S	G	S	S	V	T	R	V	C	S	K	K	F	188
XP 022299407.1	GTPase	IMAP	family member	7-like	isoform X2 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	KYN	F	E	S	T	F	S	G	S	S	V	T	R	V	C	S	K	K	F	189
XP 022299410.1	GTPase	IMAP	family member	7-like	isoform X5 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	KYN	F	E	S	T	F	S	G	S	S	V	T	R	V	C	S	K	K	F	187
XP 022299411.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	KYN	F	E	S	T	F	S	G	S	S	V	T	R	V	C	S	K	K	F	179
XP 022299412.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	KYN	F	E	S	T	F	S	G	S	S	V	T	R	V	C	S	K	K	F	179
XP 022299413.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	KYN	F	E	S	T	F	S	G	S	S	V	T	R	V	C	S	K	K	F	179
XP 022299414.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	KYN	F	E	S	T	F	S	G	S	S	V	T	R	V	C	S	K	K	F	179
XP 022299415.1	GTPase	IMAP	family member	7-like	isoform X7 Crassostrea virginica	GS	GKS	AT	GNT	ILG.	KYN	F	E	S	T	F	S	G	S	S	V	T	R	V	C	S	K	K	F	178
XP 022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AS	GNS	ILG.	LQA	F	K	S	N	L	S	G	I	S	I	T	R	T	C	S	Q	K	F	153
XP 022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	GCG	KS	AT	GNS	IFG.	KRR	F	I	S	H	S	SA	SS	V	TR	T	CF	K	T					164	
XP 022304950.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	GS	GKS	AT	GNS	ILG.	SAQ	F	K	SS	AS	G	H	P	L	T	S	T	C	S	F	Q	S			110
XP 022310198.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GCG	KS	T	TGNS	ILK.	TIN	F	E	T	S	V	L	A	G	S	C	T	Q	I	C	T	L	R	E	159
XP 022296314.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNT	ILG.	LKR	F	N	S	R	L	SG	SS	I	T	R	I	C	S	Q	N	S			50
XP 022301668.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNS	ILG.	FKR	F	N	S	S	L	SG	SS	I	T	R	I	C	S	Q	N	S			50
XP 022301131.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GCG	KS	AT	GNT	ILG.	SER	F	R	T	M	IS	G	SS	V	TH	VC	S	Q	N	S				67	
XP 022301812.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GCG	KS	AT	GNT	ILG.	SKK	F	L	T	M	IS	G	SS	V	TH	VC	S	Q	N	F				47	
XP 022301132.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GCG	KS	AT	GNT	ILG.	SEK	F	R	T	M	IS	G	SS	V	TH	VC	L	Q	N	S				47	
XP 022301145.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GCG	KS	AT	GNT	ILG.	SEK	F	R	S	M	IS	G	SS	V	TH	VC	S	Q	N	F				47	
XP 022301588.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GCG	KS	AT	GNT	IFG.	SVK	F	Q	S	KL	SG	I	S	V	TH	VC	S	Q	D	Y				67	
XP 022301589.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GCG	KS	AT	GNT	IFG.	SVK	F	Q	S	KL	SG	I	S	V	TH	VC	S	Q	D	Y				67	
XP 022301590.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	GCG	KS	AT	GNT	IFG.	CEK	F	Q	A	KL	SG	SS	V	TH	VC	S	Q	N	S					65	
XP 022296665.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNT	ILN.	GDF	F	E	S	T	T	SG	SS	I	T	S	R	C	T	S	R	H			125
XP 022296700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNT	ILN.	GDF	F	E	S	T	T	SG	SS	I	T	S	R	C	T	S	R	H			125
XP 022295827.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNT	ILN.	GDF	F	E	S	T	T	SG	SS	I	T	S	R	C	T	S	R	H			125
XP 022301840.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNA	ILN.	DDF	F	E	S	T	T	SG	SS	V	T	S	R	C	T	S	R	H			68
XP 022300528.1	LOW QUALITY	PROTEIN:	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNT	ILN.	GDF	F	E	S	T	AS	G	SS	V	TR	C	T	I	K	H			90
XP 022298533.1	GTPase	IMAP	family member	4-like,	partial Crassostrea virginica	GS	GKS	AT	DNA	ILN.	DDL	F	E	S	T	T	SG	SS	V	T	S	R	C	T	S	R	H			45
XP 022297620.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	GCG	KS	AT	GNT	ILG.	ENV	F	I	ST	AS	AT	S	V	T	AL	C	I	S	R	F				266	
XP 022302920.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GS	GKS	AT	GNT	ILG.	KKL	F	AS	T	AS	SA	SS	V	T	AL	C	S	S	R	F				47	
XP 022300251.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	GS	GKS	ST	GNT	ILG.	QDV	F	G	S	RV	SE	SS	V	T	K	T	C	Q	Y	V	E			52	
XP 022287294.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	GT	GKS	T	TGNT	ILG.	RKA	F	AT	ML	SAT	P	V	T	SK	TE	Y	Q	M					55		
XP 022287295.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	GT	GKS	T	TGNT	ILG.	RKA	F	AT	ML	SAT	P	V	T	SK	TE	Y	Q	M					55		
XP 022292452.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GV	GKS	T	TGNT	ILG.	FDA	F	H	T	K	T	SAT	S	V	T	T	Q	T	F	S	E				93
XP 022292453.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GV	GKS	T	TGNT	ILG.	FDA	F	D	S	K	T	ST	S	V	T	T	Q	T	F	S	E				93
XP 022291927.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	GV	GKS	T	TGNT	ILG.	FPA	F	K	T	D	T	SAT	S	V	T	T	Q	T	Q	Y	N	E			80
XP 022295273.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	GV	GKS	T	TGNT	ILG.	FRA	F	G	T	K	V	SASS	V	T	T	Q	T	Q	Y	N	E				97
XP 022295274.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	GV	GKS	T	TGNT	ILG.	FRA	F	G	T	K	V	SASS	V	T	T	Q	T	Q	Y	N	E				97
XP 022295275.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	GV	GKS	T	TGNT	ILG.	FRA	F	D	T	K	V	SASS	V	T	T	Q	T	Q	Y	N	E				97
XP 022295276.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	GV	GKS	T	TGNT	ILG.	FRA	F	D	T	K	V	SASS	V	T	T	Q	T	Q	Y	N	E				97
XP 022295277.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	GV	GKS	T	TGNT	ILG.	FRA	F	D	T	K	V	SASS	V	T	T	Q	T	Q	Y	N	E				97
XP 022295278.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	GV	GKS	T	TGNT	ILG.	FRA	F	D	T	K	V	SASS	V	T	T	Q	T	Q	Y	N	E				97
XP 022295279.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	GV	GKS	T	TGNT	ILG.	FRA	F	D	T	K	V	SASS	V	T	T	Q	T	Q	Y	N	E				97
XP 022295280.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	GV	GKS	T	TGNT	ILG.	FRA	F	D	T	K	V	SASS	V	T	T	Q	T	Q	Y	N	E				97

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XP 022296317.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	AVRFRNRLVSI	VEMSDIFVKE	77
XP 022302183.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	AIRFRNRLVSI	VEMSDIFDKE	77
XP 022303805.1	GTPase	IMAP	family member 4-like	isoform X3 Crassostrea virginica	TTRFQKKKIV	VDTPGIYDTN	138
XP 022303806.1	GTPase	IMAP	family member 4-like	isoform X3 Crassostrea virginica	TTRFQKKKIV	VDTPGIYDTN	138
XP 022304626.1	GTPase	IMAP	family member 4-like	isoform X1 Crassostrea virginica	TTRFQKKKIV	VDTPGIYDTN	111
XP 022304627.1	GTPase	IMAP	family member 4-like	isoform X2 Crassostrea virginica	TTRFQKKKIV	VDTPGIYDTN	92
XP 022304628.1	GTPase	IMAP	family member 4-like	isoform X3 Crassostrea virginica	TTRFQKKKIV	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	EFRFNKKKIV	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	GVIFDKKVV	LIDTPGIFDITK	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	IVDTPGVFDITN	145
XP 022296700.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	AQRFGKEIQ	IVDTPGVFDITN	145
XP 022295827.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	AQRFGKEIQ	IVDTPGVFDITN	145
XP 022301840.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	AQRFGKRIQ	IVDTPGIFDITN	88
XP 022300528.1	LOW QUALITY	PROTEIN: GTPase	IMAP family member 4-like	Crassostrea virginica	AQRFGKRIQ	VVDTPGIFDITX	110
XP 022298533.1	GTPase	IMAP	family member 4-like,	partial Crassostrea virginica	AQRFGKRIQ	IVDTPGIFDITN	65
XP 022297620.1	GTPase	IMAP	family member 7-like	isoform X3 Crassostrea virginica	ANRFGKRIQ	VVDTPGIFDITN	286
XP 022302920.1	GTPase	IMAP	family member 4-like	Crassostrea virginica	AKRFGKRIQ	VVDTPGIFDITN	67
XP 022300251.1	GTPase	IMAP	family member 7-like	Crassostrea virginica	TSRFGKRIQ	IVDTPGIFDITN	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	VVDTPGLFDT	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

logo



XP 022296317.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..ENSEQFLDDMFKCICLS	SPGPFAFVFV	FNGTKV	110	
XP 022302183.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..ENSEQFLDDMFKCICLS	SPGPFAFVFV	FNGTKV	110	
XP 022303805.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	..RTKKQINEEIQRCIGIS	SPGPHGFIFVLS	.PLR	170	
XP 022303806.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	..RTKKQINEEIQRCIGIS	SPGPHGFIFVLS	.PLR	170	
XP 022304626.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	..RTKKQINEEIQRCIGIS	SPGPHGFIFVLS	.PLR	143	
XP 022304627.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	..RTKKQINEEIQRCIGIS	SPGPHGFIFVLS	.PLR	124	
XP 022304628.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	..RTKKQINEEIQRCIGIS	SPGPHGFIFVLS	.PLR	118	
XP 022307700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..RTKNQINEVILQRSIGISA	PGPHVFIFVLS	.SLR	208	
XP 022335699.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..KKTNDVIQLEISKICMT	SPGPHAFILVISITS	R	116	
XP 022297635.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..QTNEFTQEIEISKIGIS	SPGPHAFITVINIAN	R	115	
XP 022291746.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..KTNEKTEQEMYKCISMTY	PGPHAFLFVINIA	VR	332	
XP 022299405.1	GTPase	IMAP	family member	7-like	isoform X1 Crassostrea virginica	..QSNEDIQEBEIKKCVLLT	SPGPHAFILILRLD	AR	243	
XP 022299409.1	GTPase	IMAP	family member	7-like	isoform X4 Crassostrea virginica	..QSNEDIQEBEIKKCVLLT	SPGPHAFILILRLD	AR	241	
XP 022299416.1	GTPase	IMAP	family member	7-like	isoform X8 Crassostrea virginica	..QSNEDIQEBEIKKCVLLT	SPGPHAFILILRLD	AR	230	
XP 022299418.1	GTPase	IMAP	family member	7-like	isoform X9 Crassostrea virginica	..QSNEDIQEBEIKKCVLLT	SPGPHAFILILRLD	AR	229	
XP 022299408.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	..QSNEDIQEBEIKKCVLLT	SPGPHAFILILRLD	AR	241	
XP 022299407.1	GTPase	IMAP	family member	7-like	isoform X2 Crassostrea virginica	..QSNEDIQEBEIKKCVLLT	SPGPHAFILILRLD	AR	242	
XP 022299410.1	GTPase	IMAP	family member	7-like	isoform X5 Crassostrea virginica	..QSNEDIQEBEIKKCVLLT	SPGPHAFILILRLD	AR	240	
XP 022299411.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	..QSNEDIQEBEIKKCVLLT	SPGPHAFILILRLD	AR	232	
XP 022299412.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	..QSNEDIQEBEIKKCVLLT	SPGPHAFILILRLD	AR	232	
XP 022299413.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	..QSNEDIQEBEIKKCVLLT	SPGPHAFILILRLD	AR	232	
XP 022299414.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	..QSNEDIQEBEIKKCVLLT	SPGPHAFILILRLD	AR	232	
XP 022299415.1	GTPase	IMAP	family member	7-like	isoform X7 Crassostrea virginica	..QSNEDIQEBEIKKCVLLT	SPGPHAFILILRLD	AR	231	
XP 022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..ETNEKIQQEIEHKCIGIT	SPGPHAFIMVISIAN	R	206	
XP 022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	..QSNKIIQDEISKITLS	SPGPHAFILVLSIS	NR	217	
XP 022304950.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	..KTTKKVLNEISKIGLS	SPGPHAFIMVLSVGS	D	163	
XP 022310198.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..ESNDEIQQEILRCIQLS	SPGPHAFIFVLNIA	TR	212	
XP 022296314.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..QTNEEVQMEIYKCIGIT	SPGPHAFILVLSLA	AR	103	
XP 022301668.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..QTNEEVQMEIYKCIGIT	SPGPHAFILVLSLA	AR	103	
XP 022301131.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..ETNEKVQBEIYKCIGIT	SPGPHAFILVINAA	ER	120	
XP 022301812.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..ETNEKVQBEIYKCIGIT	SPGPHAFILVINAA	ER	100	
XP 022301132.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..ETNEKIQEIEFKCIGIT	SPGPHAFILVINAA	ER	100	
XP 022301145.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..ETNEKVQBEIYKCIGIT	SPGPHAFILVINAA	ER	100	
XP 022301588.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..ESNENVQBEINKCIGIT	SPGPHAFILVLNIV	ER	120	
XP 022301589.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..ESNENVQBEINKCIGIT	SPGPHAFILVLNIV	ER	120	
XP 022301590.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	..ESNEKVQBEINKCIGIT	SPGPHAFILVLNIT	ER	118	
XP 022296665.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..IPNDVVQREIVKCIGMT	SPGPHCFLLVL	.GLSR	177	
XP 022296700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..IPNDVVQREIVKCIGMT	SPGPHCFLLVL	.GLSR	177	
XP 022295827.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..IPNHVVQREIVKCIGMT	SPGPHCFLLVL	.GLSR	177	
XP 022301840.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..KPNDVVQREITKCIGIT	SPGPHCFLLVM	.GLSR	120	
XP 022300528.1	LOW QUALITY	PROTEIN: GTPase	IMAP	family member	4-like	Crassostrea virginica	..APNDVVQREIVKCIGIT	SPGPHCFLLVL	.GLSR	142
XP 022298533.1	GTPase	IMAP	family member	4-like,	partial Crassostrea virginica	..KPNDVVQREITKCIGIT	SPGPHCFLLVM	.GLSR	97	
XP 022297620.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	..TPNDVVQKKIFHCIA	MTSPGPHCFLLVL	.EVSR	318	
XP 022302920.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..TPNDVVQKKIFQCV	AMTSPGPHCFLLVL	.EVSR	99	
XP 022300251.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	..VSNDVIMTEVARCLALS	APGPHVFITYVFNALS	R	105	
XP 022287294.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	..SQSDTKIITEISKWYTL	MSPGTHAILLVK	.AGR	107	
XP 022287295.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	..SQSDTKIITEISKWYTL	MSPGTHAILLVK	.AGR	107	
XP 022292452.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..TKTKEELKLEISR	WYALVSPGTHAILLVQ	.VGR	145	
XP 022292453.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..TKTKEELKLEISR	WYSILSPGTHAILLVQ	.VGR	145	
XP 022291927.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	..NMTKNEIEMEISR	WYSLVSPGTHAILLVV	.VGR	132	
XP 022295273.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	..NRTEQDILVEMSKWYSL	SPGTHAILLVQ	.VGR	149	
XP 022295274.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	..NRTEQDILVEMSKWYSL	SPGTHAILLVQ	.VGR	149	
XP 022295275.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	..NRTEQEILVEMSKWYSL	SPGTHAILLVQ	.VGR	149	
XP 022295276.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	..NRTEQEILVEMSKWYSL	SPGTHAILLVQ	.VGR	149	
XP 022295277.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	..NRTEQEILVEMSKWYSL	SPGTHAILLVQ	.VGR	149	
XP 022295278.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	..NRTEQEILVEMSKWYSL	SPGTHAILLVQ	.VGR	149	
XP 022295279.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	..NRTEQEILVEMSKWYSL	SPGTHAILLVQ	.VGR	149	
XP 022295280.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	..NRTEQEILVEMSKWYSL	SPGTHAILLVQ	.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

FTKEEYVDFEYKFGEEYKLYVETRKDRL

Y	T	T	E	D	G	R	A	L	E	R	F	V	N	T	F	G	.	E	E	I	F	K	F	C	I	V	L	V	T	R	K	D	E	L
Y	T	T	E	D	G	R	A	L	E	R	F	V	N	T	F	G	.	E	E	I	F	K	F	C	I	V	L	V	T	R	K	D	E	L
F	T	K	E	E	Q	Q	S	V	E	N	F	I	E	Q	F	G	.	E	Q	I	Y	E	Y	S	F	V	L	F	T	R	G	D	D	L
F	T	K	E	E	Q	Q	S	V	E	N	F	I	E	Q	F	G	.	E	Q	I	Y	E	Y	S	F	V	L	F	T	R	G	D	D	L
F	T	K	E	E	Q	Q	S	V	E	N	F	I	E	Q	F	G	.	K	Q	I	Y	E	Y	S	F	V	L	F	T	R	G	D	D	L
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F	T	E	E	E	Q	T	I	E	Q	F	V	N	Q	F	G	.	N	D	V	Y	K	Y	F	I	V	L	F	T	R	K	D	L	L	L
F	T	D	E	E	K	Q	V	I	D	N	F	K	K																					

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</							

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XP 022296317.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	NCEGGVFAMSDNI..RDSDQDKVQKLLNKVIENV	200
XP 022302183.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	NCEGGVFAMSDNI..RDSDQDKVQKLLNKVIENV	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	KCGGRTLVFNNL..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..AGNRQDQVQKLLSEIFRNL	296
XP 022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	KCGKRAVAFDNTL..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	NCKWRVVCWFNTL..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

XP_022296317.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	S.KRSSKYYSEDMYRQAKN.....QIRREIIRR	227
XP_022302183.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	S.KRSSKYYSEDMYRQAKN.....QIRREIIRR	227
XP_022303805.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	A.KNDGKCYTNEMYIEAEK.....YIRKLEAQR	287
XP_022303806.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	A.KNDGKCYTNEMYIEAEK.....YIRKLEAQR	287
XP_022304626.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	A.KNDGKCYTNEMYIEAEK.....YIRKLEAQR	260
XP_022304627.1	GTPase	IMAP	family member	4-like	isoform X2 Crassostrea virginica	A.KNDGKCYTNEMYIEAEK.....YIRKLEAQR	241
XP_022304628.1	GTPase	IMAP	family member	4-like	isoform X3 Crassostrea virginica	A.KNDGKCYTNEMYIEAEK.....YIRKLEAQR	235
XP_022307700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	R.KNDGKYYTNEMFIEEET.....HIRNLEAQR	325
XP_022335699.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	A.NNFNECYTNDAFKRAEE.....EIQKQIKE	233
XP_022297635.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	V.KNMKAYYTNDLYEKAEER.....EILKEIMKR	232
XP_022291746.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	E.RNGGECFTGEMYRDFEE.....EIQKIDTEK	449
XP_022299405.1	GTPase	IMAP	family member	7-like	isoform X1 Crassostrea virginica	K.ANGGEYYTNRMYLEAEK.....DMRKRFEER	360
XP_022299409.1	GTPase	IMAP	family member	7-like	isoform X4 Crassostrea virginica	K.ANGGEYYTNRMYLEAEK.....DMRKRFEER	358
XP_022299416.1	GTPase	IMAP	family member	7-like	isoform X8 Crassostrea virginica	K.ANGGEYYTNRMYLEAEK.....DMRKRFEER	347
XP_022299418.1	GTPase	IMAP	family member	7-like	isoform X9 Crassostrea virginica	K.ANGGEYYTNRMYLEAEK.....DMRKRFEER	346
XP_022299408.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	K.ANGGEYYTNRMYLEAEK.....DMRKRFEER	358
XP_022299407.1	GTPase	IMAP	family member	7-like	isoform X2 Crassostrea virginica	K.ANGGEYYTNRMYLEAEK.....DMRKRFEER	359
XP_022299410.1	GTPase	IMAP	family member	7-like	isoform X5 Crassostrea virginica	K.ANGGEYYTNRMYLEAEK.....DMRKRFEER	357
XP_022299411.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	K.ANGGEYYTNRMYLEAEK.....DMRKRFEER	349
XP_022299412.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	K.ANGGEYYTNRMYLEAEK.....DMRKRFEER	349
XP_022299413.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	K.ANGGEYYTNRMYLEAEK.....DMRKRFEER	349
XP_022299414.1	GTPase	IMAP	family member	7-like	isoform X6 Crassostrea virginica	K.ANGGEYYTNRMYLEAEK.....DMRKRFEER	349
XP_022299415.1	GTPase	IMAP	family member	7-like	isoform X7 Crassostrea virginica	K.ANGGEYYTNRMYLEAEK.....DMRKRFEER	348
XP_022291053.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	E.QNGYDYYTDEMYQEAEERKIQEIENEMKKRDEEQ	330
XP_022304158.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	A.KNGGRWYTDQMFKEAEE.....DIKKMEKK	334
XP_022304950.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	Q.NMGDECYRDPFMKAEEK.....CIQEMENEK	280
XP_022310198.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	K.NNRGECYTNDMYKKAER.....EINKIESMK	329
XP_022296314.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	Q.BNGGEFYKNELYVEAEM.....KIQTVEEKK	221
XP_022301668.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	R.BNGGEFYKNELYVEAEM.....KIQTVEEKK	221
XP_022301131.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	K.RIGDDFYTNDMYLEAEK.....KILQVEEEK	237
XP_022301812.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	K.RIGDNFYTNDMYTEAEK.....KILLVEEEK	217
XP_022301132.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	K.RHGDDFYTNDMYLEAEN.....KIQLIEEEK	217
XP_022301145.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	K.RIGDNFYTNDMYLEAEK.....KILLVEEEK	217
XP_022301588.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	S.ENGGRFYTNKYNTEAEQ.....KIKAIIEKR	237
XP_022301589.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	S.ENGGRFYTNKYNTEAEQ.....KIKAIIEKR	237
XP_022301590.1	GTPase	IMAP	family member	7-like	Crassostrea virginica	S.ENGKFFYTNEMYITAEER.....EIKAIIEKR	235
XP_022296665.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	S.NNHGDCYTNDRVSEAEK.....VMKQRQYQI	294
XP_022296700.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	S.NNHGDCYTNDMYSEAEK.....VMKQRQYQI	294
XP_022295827.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	S.NNHGDCYTNDMYSEAEK.....VMKQRQYQI	294
XP_022301840.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	C.NNHGGHYTYNMYREAAKK.....VMKHRKYQE	237
XP_022300528.1	LOW QUALITY PROTEIN: GTPase	IMAP	family member	4-like	Crassostrea virginica	R.QMNGKFFYTNEMYIEAEK.....VMKHRKYQI	259
XP_022298533.1	GTPase	IMAP	family member	4-like,	partial Crassostrea virginica	E.LEI.ECIQKEDNRHSHR.....HERERQRER	213
XP_022297620.1	GTPase	IMAP	family member	7-like	isoform X3 Crassostrea virginica	D.QMNGKFFYTNKMYTEAEK.....IMKQREDQI	435
XP_022302920.1	GTPase	IMAP	family member	4-like	Crassostrea virginica	Y.EKDGSYYTNMNYIKGEE.....VMKTREQEI	216

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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

.....NKEEQEKIKS 237
.....NKEEQEKIKS 237
.....KQMKREKKEQ 297
.....KQMKREKKEQ 297
.....KQMKREKLEQ 270
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.....KQMKREKLEQ 245
.....KQIKREKTEQ 335
.....REQIEAAKEK 243
.....KEQIQKELDR 242
.....TKQKEEKRIK 459
.....LQAAIQQQEK 370
.....LQAAIQQQEK 368
.....LQAAIQQQEK 357
.....LQAAIQQQEK 356
.....LQAAIQQQEK 368
.....LQAAIQQQEK 369
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.....VQNEKEKLEE 231
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.....LQPEKEKVDE 227
.....LQHEKEKLEE 227
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.....EKERERNRER 304
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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.....EKLQQEIDKINSLT	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.....QKHEQAIGVINDQV	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.....QKHEEKVGGVGLNDQL	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	DFLTST.....RETKQGVKKLATHF	267
XP	022301589.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	DFLTST.....RETKQGVKKLATHF	267
XP	022301590.1	GTPase	IMAP	family	member	7-like	Crassostrea virginica	DFLTST.....KETQDVKKLATQF	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	ERKAMEREIEQKYKKQSRSNQKKEQS.....	273
XP	022300528.1	LOW QUALITY	PROTEIN:	GTPase	IMAP	family	member 4-like Crassostrea virginica	ERNAIEREFEQKFRSQRESHLDIQSALEIRVAELE	304
XP	022298533.1	GTPase	IMAP	family	member	4-like,	partial Crassostrea virginica	ER...ERERERRERERERERERERQRETFFHSVVFIFQ	255
XP	022297620.1	GTPase	IMAP	family	member	7-like	isoform X3 Crassostrea virginica	DKEKNNCELGVSGQKCDQEELEESDHHEYEANNI	480
XP	022302920.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	NKEKNERELRGSQRQCSDFEFFFF.....	251
XP	022300251.1	GTPase	IMAP	family	member	7-like	Crassostrea virginica	LSVLRITREEHIEKDRKLKAWRMRDIERRLLELESQ	268
XP	022287294.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica	YNDVDVRDSTRRRIADE.....ESFGEKIL	258
XP	022287295.1	GTPase	IMAP	family	member	4-like	isoform X1 Crassostrea virginica	YNDVDVRDSTRRRIADE.....ESFGEKIL	258
XP	022292452.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	EMMNFDVHARAKTREEVFN..ENFRLIMKVATVI	312
XP	022292453.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	EMMNLYNFPRAKTRKEIF.....	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	EVNLLLSHARTQSRVDIVN..NNYN..TGLLSDLI	310
XP	022295276.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica	EVNLLLSHARTQSRVDIVN..NNYN..TGLLSDLI	310
XP	022295277.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica	EVNLLLSHARTQSRVDIVN..NNYN..TGLLSDLI	310
XP	022295278.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica	EVNLLLSHARTQSRVDIVN..NNYN..TGLLSDLI	310
XP	022295279.1	GTPase	IMAP	family	member	4-like	isoform X2 Crassostrea virginica	EVNLLLSHARTQSRVDIVN..NNYN..TGLLSDLI	310
XP	022295280.1	GTPase	IMAP	family	member	4-like	isoform X3 Crassostrea virginica	EVNLLLSHARTQSRVDIVN..NNYN..TGLLSDLI	310

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		

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[illegible]

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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	NVRDGIKRGDISTMQLLRDFILGMLGGFLKKILPIP	310
XP 022291746.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	NVFNLSLRGFFS.....	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..ERERAKLEYTKIEREKARDNVKEYI	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..KFKHQQLDGKLNLRREEVREDIRKEI	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..EIKRELEEKLRLKLGKVRDEIRKEI	406
XP 022301589.1	GTPase	IMAP	family	member	4-like	Crassostrea virginica	HLPGNQGE..EIKRELEEKLRLKLGKVRDEIRKEI	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	.....FSPRQQAIELENNLGNITNSLW	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 virginicaLYALGAFVV	325

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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	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	VENKGNKSAIHHPKITKKFQSKL.....	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	SENGFFSSLDVDFGKIGSKLLDLLDSDDTPLP..	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..WPVEMLKQGKIGKIEFLSDIFS.....	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	RGRSNDYLKMAQNSFIK.....	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	LIAVKAAEFIMRHFVDV.....	283
XP 022287295.1	GTPase	IMAP	family member	4-like	isoform X1 Crassostrea virginica	LIAVKAAEFIMRHFVDV.....	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	TIYDAILYVYVTRLIEFFSALWVNLF.....	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
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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
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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
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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
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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

 non conserved
 $\geq 50\%$ conserved