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XP 022296317.1	GIMAP 4-like	Crassostrea virginica	.....	0
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XP 022299418.1	GIMAP 7-like	isoform X9 Crassostrea virginica	.....	0
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XP 022295280.1	GIMAP 4-like	isoform X3 Crassostrea virginica	.....	0

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XP 022303806.1	GIMAP 4-like	isoform X3 Crassostrea virginica	.....MAETQESAS	9
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XP 022299415.1	GIMAP 7-like	isoform X7 Crassostrea virginica	.....MESIETFLRHLGQERFIEIFLDNELDLDL	29
XP 022291053.1	GIMAP 4-like	Crassostrea virginica	.....MESFLKSIGKERHLDAFNKNEITLDL	26
XP 022304158.1	GIMAP 7-like	Crassostrea virginica	LYDIESLYHSFLLTFCEIKMEKKTIESFLKSIGLETYIGKFKGEDIEMET	71
XP 022304950.1	GIMAP 7-like	Crassostrea virginica	.....MERGTFAFFKDIEMEYCIHKFRNKGIDVER	31
XP 022310198.1	GIMAP 4-like	Crassostrea virginica	.....MEYETIKQFLEDIGCERHINLFIENEIGLEL	31
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XP 022295280.1	GIMAP 4-like	isoform X3 Crassostrea virginica	.....MLKKEKVMDDLKITFFLVLIIVFPLISSPM	29

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XP_022303805.1	GIMAP	4-like	isoform X3 Crassostrea virginica
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XP_022301840.1	GIMAP	4-like	Crassostrea virginica
XP_022300528.1	LOW QUALITY PROTEIN: GIMAP 4-like Crassostrea virginica		
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XP_022295279.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022295280.1	GIMAP	4-like	isoform X3 Crassostrea virginica

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XP_022295280.1	GIMAP	4-like	isoform X3 Crassostrea virginica

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XP 022303805.1	GIMAP 4-like	isoform X3 Crassostrea virginica	IDKDEENMPAGSNTDKKIDIDKGFCNWDLNSSTENEIRLVLLGKGTGTGKS	89
XP 022303806.1	GIMAP 4-like	isoform X3 Crassostrea virginica	IDKDEENMPAGSNTDKKIDIDKGFCNWDLNSSTENEIRLVLLGKGTGTGKS	89
XP 022304626.1	GIMAP 4-like	isoform X1 Crassostrea virginica	IEKDEENMPAGSNTDKKIDIEKGFCNWDLNSSTENEIRLVLLGKGTGTGKS	62
XP 022304627.1	GIMAP 4-like	isoform X2 Crassostrea virginica	.....MPAGSNTDKKIDIEKGFCNWDLNSSTENEIRLVLLGKGTGTGKS	43
XP 022304628.1	GIMAP 4-like	isoform X3 Crassostrea virginica	.....MKTEIPSPSRFCNWDLNSSTENEIRLVLLGKGTGTGKS	37
XP 022307700.1	GIMAP 4-like	Crassostrea virginica	SYIGGENIPGESNTDEKTEFGNASCTLDADSYTENELRLVLLGTTGAGKS	127
XP 022335699.1	GIMAP 4-like	Crassostrea virginica	.....MGCNSSKSVSLEKSK.....KEEIRLVLLGKGTGSGKS	32
XP 022297635.1	GIMAP 4-like	Crassostrea virginica	.....MGCKSSKRRPREEIQN.....MEEIRLVLLGKGTGSGKS	33
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XP 022299409.1	GIMAP 7-like	isoform X4 Crassostrea virginica	KISTTQRKEACPSSHFEKTENRFSFDKYT...YKEEIRLVLLGKGTGSGKS	159
XP 022299416.1	GIMAP 7-like	isoform X8 Crassostrea virginica	KISTTQRKEACPSSHFEKTENRFSFDKYT...YKEEIRLVLLGKGTGSGKS	148
XP 022299418.1	GIMAP 7-like	isoform X9 Crassostrea virginica	KISTTQRKEACPSSHFEKTENRFSFDKYT...YKEEIRLVLLGKGTGSGKS	147
XP 022299408.1	GIMAP 7-like	isoform X3 Crassostrea virginica	KISTTQRKEACPSSHFEKTENRFSFDKYT...YKEEIRLVLLGKGTGSGKS	159
XP 022299407.1	GIMAP 7-like	isoform X2 Crassostrea virginica	KISTTQRKEACPSSHFEKTENRFSFDKYT...YKEEIRLVLLGKGTGSGKS	160
XP 022299410.1	GIMAP 7-like	isoform X5 Crassostrea virginica	KISTTQRKEACPSSHFEKTENRFSFDKYT...YKEEIRLVLLGKGTGSGKS	158
XP 022299411.1	GIMAP 7-like	isoform X6 Crassostrea virginica	KISTTQRKEACPSSHFEKTENRFSFDKYT...YKEEIRLVLLGKGTGSGKS	150
XP 022299412.1	GIMAP 7-like	isoform X6 Crassostrea virginica	KISTTQRKEACPSSHFEKTENRFSFDKYT...YKEEIRLVLLGKGTGSGKS	150
XP 022299413.1	GIMAP 7-like	isoform X6 Crassostrea virginica	KISTTQRKEACPSSHFEKTENRFSFDKYT...YKEEIRLVLLGKGTGSGKS	150
XP 022299414.1	GIMAP 7-like	isoform X6 Crassostrea virginica	KISTTQRKEACPSSHFEKTENRFSFDKYT...YKEEIRLVLLGKGTGSGKS	150
XP 022299415.1	GIMAP 7-like	isoform X7 Crassostrea virginica	KISTTQRKEACPSSHFEKTENRFSFDKYT...YKEEIRLVLLGKGTGSGKS	149
XP 022291053.1	GIMAP 4-like	Crassostrea virginica	IIDGRMEISSPKDVMGREKQEMWDFSEVCP..AEREVRLLVLGKGTGSGKS	124
XP 022304158.1	GIMAP 7-like	Crassostrea virginica	.....F..YDEEIRIVLLGKGTGCGKS	135
XP 022304950.1	GIMAP 7-like	Crassostrea virginica	.....KLTLRIVLLGKGTGSGKS	81
XP 022310198.1	GIMAP 4-like	Crassostrea virginica	FVPGREAKSQSMESEKTSADDSCSMPDSRS..IPQEVRIIVLLIGKTGCGKS	130
XP 022296314.1	GIMAP 4-like	Crassostrea virginica	.....IDREIRIVLLGKGTGSGKS	21
XP 022301668.1	GIMAP 4-like	Crassostrea virginica	.....IDREVRLLVLGKGTGSGKS	21
XP 022301131.1	GIMAP 4-like	Crassostrea virginica	.....MWREIRLVLLGKGTGCGKS	38
XP 022301812.1	GIMAP 4-like	Crassostrea virginica	.....MKQEIRLVLLGKGTGCGKS	18
XP 022301132.1	GIMAP 4-like	Crassostrea virginica	.....MKKEIRLVLLGKGTGCGKS	18
XP 022301145.1	GIMAP 4-like	Crassostrea virginica	.....MEKEIRLVLLGKGTGCGKS	18
XP 022301588.1	GIMAP 4-like	Crassostrea virginica	.....FDKEIRLVLLGKGTGCGKS	38
XP 022301589.1	GIMAP 4-like	Crassostrea virginica	.....FDKEIRLVLLGKGTGCGKS	38
XP 022301590.1	GIMAP 7-like	Crassostrea virginica	.....IDKEIRIVLLGKGTGCGKS	36
XP 022296665.1	GIMAP 4-like	Crassostrea virginica	NEGNKSKCGACGSHKGGGGGYRSRGKSGRYGKGIDNEVRIVLLGKGTGSGKS	96
XP 022296700.1	GIMAP 4-like	Crassostrea virginica	NEGNKSKCGACGSHKGGGGGYRSYGKSGRYGKGIDNEVRIVLLGKGTGSGKS	96
XP 022295827.1	GIMAP 4-like	Crassostrea virginica	NEGNKSKCGACGSHKGGGGGHGSRGKSGRYGKGIDNEVRIVLLGKGTGSGKS	96
XP 022301840.1	GIMAP 4-like	Crassostrea virginica	.....IGIDKEVRIVLLGKGTGSGKS	39
XP 022300528.1	LOW QUALITY PROTEIN: GIMAP 4-like	Crassostrea virginica	.....HRNNGEVRIVALLGKGTGSGKS	61
XP 022298533.1	GIMAP 4-like, partial	Crassostrea virginica	.....KEVRIVLQKGTGSGKS	16
XP 022297620.1	GIMAP 7-like	isoform X3 Crassostrea virginica	NTDDQATSIEVGKGQMKDNAEKHNGEDTNLNSRCSIMRIVLLGKGTGCGKS	237
XP 022302920.1	GIMAP 4-like	Crassostrea virginica	.....MCSNLRIVLLGKGTGSGKS	18
XP 022300251.1	GIMAP 7-like	Crassostrea virginica	.....METLQDNGEFRLVLLGKGTGSGKS	23
XP 022287294.1	GIMAP 4-like	isoform X1 Crassostrea virginica	.....NNEVRILLIGKTGTGKS	26
XP 022287295.1	GIMAP 4-like	isoform X1 Crassostrea virginica	.....NNEVRILLIGKTGTGKS	26
XP 022292452.1	GIMAP 4-like	Crassostrea virginica	.....DSSNNERRILLIGKTGVGKS	64
XP 022292453.1	GIMAP 4-like	Crassostrea virginica	.....DSSNNERRILLIGKTGVGKS	64
XP 022291927.1	GIMAP 4-like	Crassostrea virginica	.....DFNNNERRILLIGKTGVGKS	51
XP 022295273.1	GIMAP 4-like	isoform X1 Crassostrea virginica	.....AINSNEIRILLIGKTGVGKS	68
XP 022295274.1	GIMAP 4-like	isoform X1 Crassostrea virginica	.....AINSNEIRILLIGKTGVGKS	68
XP 022295275.1	GIMAP 4-like	isoform X2 Crassostrea virginica	.....AINNDEVRIILLIGKTGVGKS	68
XP 022295276.1	GIMAP 4-like	isoform X2 Crassostrea virginica	.....AINNDEVRIILLIGKTGVGKS	68
XP 022295277.1	GIMAP 4-like	isoform X2 Crassostrea virginica	.....AINNDEVRIILLIGKTGVGKS	68
XP 022295278.1	GIMAP 4-like	isoform X2 Crassostrea virginica	.....AINNDEVRIILLIGKTGVGKS	68
XP 022295279.1	GIMAP 4-like	isoform X2 Crassostrea virginica	.....AINNDEVRIILLIGKTGVGKS	68
XP 022295280.1	GIMAP 4-like	isoform X3 Crassostrea virginica	.....AINNDEVRIILLIGKTGVGKS	68



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XP 022296317.1 GIMAP 4-like Crassostrea virginica  
 XP 022302183.1 GIMAP 4-like Crassostrea virginica  
 XP 022303805.1 GIMAP 4-like isoform X3 Crassostrea virginica  
 XP 022303806.1 GIMAP 4-like isoform X3 Crassostrea virginica  
 XP 022304626.1 GIMAP 4-like isoform X1 Crassostrea virginica  
 XP 022304627.1 GIMAP 4-like isoform X2 Crassostrea virginica  
 XP 022304628.1 GIMAP 4-like isoform X3 Crassostrea virginica  
 XP 022307700.1 GIMAP 4-like Crassostrea virginica  
 XP 022335699.1 GIMAP 4-like Crassostrea virginica  
 XP 022297635.1 GIMAP 4-like Crassostrea virginica  
 XP 022291746.1 GIMAP 4-like Crassostrea virginica  
 XP 022299405.1 GIMAP 7-like isoform X1 Crassostrea virginica  
 XP 022299409.1 GIMAP 7-like isoform X4 Crassostrea virginica  
 XP 022299416.1 GIMAP 7-like isoform X8 Crassostrea virginica  
 XP 022299418.1 GIMAP 7-like isoform X9 Crassostrea virginica  
 XP 022299408.1 GIMAP 7-like isoform X3 Crassostrea virginica  
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 XP 022304158.1 GIMAP 7-like Crassostrea virginica  
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 XP 022300528.1 LOW QUALITY PROTEIN: GIMAP 4-like Crassostrea virginica  
 XP 022298533.1 GIMAP 4-like, partial Crassostrea virginica  
 XP 022297620.1 GIMAP 7-like isoform X3 Crassostrea virginica  
 XP 022302920.1 GIMAP 4-like Crassostrea virginica  
 XP 022300251.1 GIMAP 7-like Crassostrea virginica  
 XP 022287294.1 GIMAP 4-like isoform X1 Crassostrea virginica  
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 XP 022295273.1 GIMAP 4-like isoform X1 Crassostrea virginica  
 XP 022295274.1 GIMAP 4-like isoform X1 Crassostrea virginica  
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 XP 022295279.1 GIMAP 4-like isoform X2 Crassostrea virginica  
 XP 022295280.1 GIMAP 4-like isoform X3 Crassostrea virginica

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 ATGNTILG.PATVRPTLPKISYDIESEKKYAIRFRNRLVSIIVEMSDIFDKE 77  
 ATGNSILG.KRVFASSMSPASVTSKCSQSHTTRFGKKIVIVDTPGIYDTN 138  
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 ATGNSILG.ERVFASSMSPASVTSKCSQSHTTRFGKKIVIVDTPGIYDTN 111  
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 ATGNSILG.ERVFASSMSPASVTSKCSQSHTTRFGKKIVIVDTPGIYDTN 86  
 ATGNSILG.KKAFVSSMSSATGASTYYQSHNTRVRQKIVIVDTPGISDTN 176  
 ATGNTILG.FTKFSSKLSAISETSVCSLSIVCRFNKKIIIVDTPGICDTD 81  
 ATGNTILG.IKKFKSELSGKSETKMCQWSAIRFNKKVVLVIDTPGVFDTD 82  
 ATGNSILG.SNAFESMPSGNSVNRVCSMKTSVRFNKKVVIVDTPGIFYST 299  
 ATGNTILG.KYNFESTFSGSSVTRVCSKKFSIRFGYKLLVVDTPGIFDFT 210  
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 ATGNTILN.GDYFESTASGSSVTSRCTIKHAQRFGRIQIVDTPGIFDFTX 110  
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 ATGNTILG.ENVFISTASATSVTALCISRANRFRGRDIQVVDTPGIFDFTN 286  
 ATGNTILG.KKLFASSTASSVTALCSSRFAKRFGRDIQVVDTPGIFDFTS 67  
 STGNMIG.QDVFGRSVSESSVTKTCQYVETSRFQGLTSLVDTPGSEFDTT 72  
 TTGNTILG.RKAFATMLSATPVTSTKTEYQMERRFGKKLVVDTPGLQDP. 74  
 TTGNTILG.RKAFATMLSATPVTSTKTEYQMERRFGKKLVVDTPGLQDP. 74  
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 TTGNTILG.FDAFDSTKTSATSVTTQTQFSETERFGRRLVVDTPGLFDT. 112  
 TTGNTILG.FPAFKTDTSATSVTTQTQYNEADRFGKRLIVDTPGYLDT. 99  
 TTGNTILG.FRAFGTKVSAASSVTTQTQYNETERFGKRLVVDTPGLFDT. 116  
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 TTGNTILG.FRAFDTKVSAASSVTTQTQYNETDRFGKRLVVDTPGLFDT. 116

XP_022296317.1	GIMAP	4-like	Crassostrea virginica
XP_022302183.1	GIMAP	4-like	Crassostrea virginica
XP_022303805.1	GIMAP	4-like	isoform X3 Crassostrea virginica
XP_022303806.1	GIMAP	4-like	isoform X3 Crassostrea virginica
XP_022304626.1	GIMAP	4-like	isoform X1 Crassostrea virginica
XP_022304627.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022304628.1	GIMAP	4-like	isoform X3 Crassostrea virginica
XP_022307700.1	GIMAP	4-like	Crassostrea virginica
XP_022335699.1	GIMAP	4-like	Crassostrea virginica
XP_022297635.1	GIMAP	4-like	Crassostrea virginica
XP_022291746.1	GIMAP	4-like	Crassostrea virginica
XP_022299405.1	GIMAP	7-like	isoform X1 Crassostrea virginica
XP_022299409.1	GIMAP	7-like	isoform X4 Crassostrea virginica
XP_022299416.1	GIMAP	7-like	isoform X8 Crassostrea virginica
XP_022299418.1	GIMAP	7-like	isoform X9 Crassostrea virginica
XP_022299408.1	GIMAP	7-like	isoform X3 Crassostrea virginica
XP_022299407.1	GIMAP	7-like	isoform X2 Crassostrea virginica
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XP_022299415.1	GIMAP	7-like	isoform X7 Crassostrea virginica
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XP_022304158.1	GIMAP	7-like	Crassostrea virginica
XP_022304950.1	GIMAP	7-like	Crassostrea virginica
XP_022310198.1	GIMAP	4-like	Crassostrea virginica
XP_022296314.1	GIMAP	4-like	Crassostrea virginica
XP_022301668.1	GIMAP	4-like	Crassostrea virginica
XP_022301131.1	GIMAP	4-like	Crassostrea virginica
XP_022301812.1	GIMAP	4-like	Crassostrea virginica
XP_022301132.1	GIMAP	4-like	Crassostrea virginica
XP_022301145.1	GIMAP	4-like	Crassostrea virginica
XP_022301588.1	GIMAP	4-like	Crassostrea virginica
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XP_022295827.1	GIMAP	4-like	Crassostrea virginica
XP_022301840.1	GIMAP	4-like	Crassostrea virginica
XP_022300528.1	LOW QUALITY PROTEIN: GIMAP 4-like Crassostrea virginica		
XP_022298533.1	GIMAP	4-like, partial	Crassostrea virginica
XP_022297620.1	GIMAP	7-like	isoform X3 Crassostrea virginica
XP_022302920.1	GIMAP	4-like	Crassostrea virginica
XP_022300251.1	GIMAP	7-like	Crassostrea virginica
XP_022287294.1	GIMAP	4-like	isoform X1 Crassostrea virginica
XP_022287295.1	GIMAP	4-like	isoform X1 Crassostrea virginica
XP_022292452.1	GIMAP	4-like	Crassostrea virginica
XP_022292453.1	GIMAP	4-like	Crassostrea virginica
XP_022291927.1	GIMAP	4-like	Crassostrea virginica
XP_022295273.1	GIMAP	4-like	isoform X1 Crassostrea virginica
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XP_022295277.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022295278.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022295279.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022295280.1	GIMAP	4-like	isoform X3 Crassostrea virginica

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XP_022296317.1	GIMAP	4-like	Crassostrea virginica
XP_022302183.1	GIMAP	4-like	Crassostrea virginica
XP_022303805.1	GIMAP	4-like	isoform X3 Crassostrea virginica
XP_022303806.1	GIMAP	4-like	isoform X3 Crassostrea virginica
XP_022304626.1	GIMAP	4-like	isoform X1 Crassostrea virginica
XP_022304627.1	GIMAP	4-like	isoform X2 Crassostrea virginica
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XP_022299409.1	GIMAP	7-like	isoform X4 Crassostrea virginica
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XP_022299418.1	GIMAP	7-like	isoform X9 Crassostrea virginica
XP_022299408.1	GIMAP	7-like	isoform X3 Crassostrea virginica
XP_022299407.1	GIMAP	7-like	isoform X2 Crassostrea virginica
XP_022299410.1	GIMAP	7-like	isoform X5 Crassostrea virginica
XP_022299411.1	GIMAP	7-like	isoform X6 Crassostrea virginica
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XP_022299414.1	GIMAP	7-like	isoform X6 Crassostrea virginica
XP_022299415.1	GIMAP	7-like	isoform X7 Crassostrea virginica
XP_022291053.1	GIMAP	4-like	Crassostrea virginica
XP_022304158.1	GIMAP	7-like	Crassostrea virginica
XP_022304950.1	GIMAP	7-like	Crassostrea virginica
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XP_022301131.1	GIMAP	4-like	Crassostrea virginica
XP_022301812.1	GIMAP	4-like	Crassostrea virginica
XP_022301132.1	GIMAP	4-like	Crassostrea virginica
XP_022301145.1	GIMAP	4-like	Crassostrea virginica
XP_022301588.1	GIMAP	4-like	Crassostrea virginica
XP_022301589.1	GIMAP	4-like	Crassostrea virginica
XP_022301590.1	GIMAP	7-like	Crassostrea virginica
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XP_022295827.1	GIMAP	4-like	Crassostrea virginica
XP_022301840.1	GIMAP	4-like	Crassostrea virginica
XP_022300528.1	LOW QUALITY PROTEIN: GIMAP 4-like Crassostrea virginica		
XP_022298533.1	GIMAP	4-like, partial	Crassostrea virginica
XP_022297620.1	GIMAP	7-like	isoform X3 Crassostrea virginica
XP_022302920.1	GIMAP	4-like	Crassostrea virginica
XP_022300251.1	GIMAP	7-like	Crassostrea virginica
XP_022287294.1	GIMAP	4-like	isoform X1 Crassostrea virginica
XP_022287295.1	GIMAP	4-like	isoform X1 Crassostrea virginica
XP_022292452.1	GIMAP	4-like	Crassostrea virginica
XP_022292453.1	GIMAP	4-like	Crassostrea virginica
XP_022291927.1	GIMAP	4-like	Crassostrea virginica
XP_022295273.1	GIMAP	4-like	isoform X1 Crassostrea virginica
XP_022295274.1	GIMAP	4-like	isoform X1 Crassostrea virginica
XP_022295275.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022295276.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022295277.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022295278.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022295279.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022295280.1	GIMAP	4-like	isoform X3 Crassostrea virginica

FT	EE	IV	EH	FG	EL	YK	YV	ET	RK	DE	FE	EN	TV	DV	ST	
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FTKEEQQS	VENFIEQFG	EQIYEYSFVL	FRGDD	LEDENISL	FDLLRQ	..										217
FTKEEQQS	VENFIEQFG	KQIYEYSFVL	FRGDD	LEDEKISL	YDLLKQ	..										190
FTKEEQQS	VENFIEQFG	KQIYEYSFVL	FRGDD	LEDEKISL	YDLLKQ	..										171
FTKEEQQS	VENFIEQFG	KQIYEYSFVL	FRGDD	LEDEKISL	YDLLKQ	..										165
FTQEEQQF	VENFIEQFG	EQVVEYSFVL	TKGDD	LEDENKSL	IDLLKQ	..										255
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FTDEEERS	VQHFVDNFG	QNAKYFIVL	FTRKDEL	IANKITL	SDHIQ	..										288
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FTDEEERS	VQHFVDNFG	QNAKYFIVL	FTRKDEL	IANKITL	SDHIQ	..										276
FTDEEERS	VQHFVDNFG	QNAKYFIVL	FTRKDEL	IANKITL	SDHIQ	..										288
FTDEEERS	VQHFVDNFG	QNAKYFIVL	FTRKDEL	IANKITL	SDHIQ	..										289
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FTDEEERS	VQHFVDNFG	QNAKYFIVL	FTRKDEL	IANKITL	SDHIQ	..										279
FTDEEERS	VQHFVDNFG	QNAKYFIVL	FTRKDEL	IANKITL	SDHIQ	..										278
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FTEEEERT	VDFVVKHFG	DDIYKYFIVL	FTRKDEL	DANNTL	REHINS	..										167
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FTQEEKE	CIDHFVTVFG															

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XP 022296317.1	GIMAP 4-like	Crassostrea virginica	.....YPENLQKFI	GNCEGGVFAMSDNI..	RDSDQDKEVQKLLNK	195
XP 022302183.1	GIMAP 4-like	Crassostrea virginica	.....YPENLQKFI	GNCEGGVFAMSDNI..	RDSDQDKEVQKLLNK	195
XP 022303805.1	GIMAP 4-like	isoform X3 Crassostrea virginica	.....APENLRNFVKK	CGGRTVVFNNKL..	KGDENDQVQYLLDF	255
XP 022303806.1	GIMAP 4-like	isoform X3 Crassostrea virginica	.....APENLRNFVKK	CGGRTVVFNNKL..	KGDENDQVQYLLDF	255
XP 022304626.1	GIMAP 4-like	isoform X1 Crassostrea virginica	.....APENLRNFVKK	CGGRTVVFNNKL..	KGDENDQVQYLLDF	228
XP 022304627.1	GIMAP 4-like	isoform X2 Crassostrea virginica	.....APENLRNFVKK	CGGRTVVFNNKL..	KGDENDQVQYLLDF	209
XP 022304628.1	GIMAP 4-like	isoform X3 Crassostrea virginica	.....APENLRNFVKK	CGGRTVVFNNKL..	KGDENDQVQYLLDF	203
XP 022307700.1	GIMAP 4-like	Crassostrea virginica	.....APENLQNFIT	IKKCGGRTLVFNNL	.KGEENDKQVQCLNF	293
XP 022335699.1	GIMAP 4-like	Crassostrea virginica	.....SPAELQSLT	KKCEGRVFALNNMI	.KGSQKINEVKILLNL	201
XP 022297635.1	GIMAP 4-like	Crassostrea virginica	.....SPNDLKDL	IKKCGDRVFAINNHL	.SGSKQDNEVNNLLNL	200
XP 022291746.1	GIMAP 4-like	Crassostrea virginica	.....FPPALILLI	IQKCGGRAIAFDNTL	.KGEELDTQVKYLLKE	417
XP 022299405.1	GIMAP 7-like	isoform X1 Crassostrea virginica	.....TPIELQTVIK	KCGGRVIAFDNRC.	TEKEQSKQVQELLNT	328
XP 022299409.1	GIMAP 7-like	isoform X4 Crassostrea virginica	.....TPIELQTVIK	KCGGRVIAFDNRC.	TEKEQSKQVQELLNT	326
XP 022299416.1	GIMAP 7-like	isoform X8 Crassostrea virginica	.....TPIELQTVIK	KCGGRVIAFDNRC.	TEKEQSKQVQELLNT	315
XP 022299418.1	GIMAP 7-like	isoform X9 Crassostrea virginica	.....TPIELQTVIK	KCGGRVIAFDNRC.	TEKEQSKQVQELLNT	314
XP 022299408.1	GIMAP 7-like	isoform X3 Crassostrea virginica	.....TPIELQTVIK	KCGGRVIAFDNRC.	TEKEQSKQVQELLNT	326
XP 022299407.1	GIMAP 7-like	isoform X2 Crassostrea virginica	.....TPIELQTVIK	KCGGRVIAFDNRC.	TEKEQSKQVQELLNT	327
XP 022299410.1	GIMAP 7-like	isoform X5 Crassostrea virginica	.....TPIELQTVIK	KCGGRVIAFDNRC.	TEKEQSKQVQELLNT	325
XP 022299411.1	GIMAP 7-like	isoform X6 Crassostrea virginica	.....TPIELQTVIK	KCGGRVIAFDNRC.	TEKEQSKQVQELLNT	317
XP 022299412.1	GIMAP 7-like	isoform X6 Crassostrea virginica	.....TPIELQTVIK	KCGGRVIAFDNRC.	TEKEQSKQVQELLNT	317
XP 022299413.1	GIMAP 7-like	isoform X6 Crassostrea virginica	.....TPIELQTVIK	KCGGRVIAFDNRC.	TEKEQSKQVQELLNT	317
XP 022299414.1	GIMAP 7-like	isoform X6 Crassostrea virginica	.....TPIELQTVIK	KCGGRVIAFDNRC.	TEKEQSKQVQELLNT	317
XP 022299415.1	GIMAP 7-like	isoform X7 Crassostrea virginica	.....TPIELQTVIK	KCGGRVIAFDNRC.	TEKEQSKQVQELLNT	316
XP 022291053.1	GIMAP 4-like	Crassostrea virginica	.....SPPNLRRLF	IKRCGGKVFAIDNTL	.AGNRQDQVQKLLSE	291
XP 022304158.1	GIMAP 7-like	Crassostrea virginica	.....SPVELINF	IEKCGRAVAFDNTL	.KDEASERQVKELLDL	302
XP 022304950.1	GIMAP 7-like	Crassostrea virginica	.....SPPRLVKF	IEKCGARVVAFDNTL	.NGKASDDQVQDLEL	248
XP 022310198.1	GIMAP 4-like	Crassostrea virginica	.....SDENLKSFI	IAKCGGGAFAIENTL	.EGGKMDEQVQELLNR	297
XP 022296314.1	GIMAP 4-like	Crassostrea virginica	.....SPPSLQTFV	QKCGNRVIAFDNNL	.EGVEQDEQVEKLLDL	189
XP 022301668.1	GIMAP 4-like	Crassostrea virginica	.....SPPNLRFTF	VQKCGNRVIAFDNNL	.EGVEQDQVQKLLDL	189
XP 022301131.1	GIMAP 4-like	Crassostrea virginica	.....CPFKLRRF	IEKCGNRVIAFDNNL	.EGLEQNVQVKSLLDI	205
XP 022301812.1	GIMAP 4-like	Crassostrea virginica	.....CPSKLRRF	IEKCGNRVLAFDNNL	.EGLEQSEQVKRLLDI	185
XP 022301132.1	GIMAP 4-like	Crassostrea virginica	.....CPSKLQRF	IEKCGNRILAFDNNL	.EGPEQNEQVKKLLDI	185
XP 022301145.1	GIMAP 4-like	Crassostrea virginica	.....CPYKLQQF	IEKCGNRVLAFDNNL	.EGLEQNEQVKGMLDI	185
XP 022301588.1	GIMAP 4-like	Crassostrea virginica	.....CPPKLQKF	IEKCGNRVIAFENKV	.KGVEQDTQVKELLKI	205
XP 022301589.1	GIMAP 4-like	Crassostrea virginica	.....CPPKLQKF	IEKCGNRVIAFENKV	.KGVEQDTQVKELLKI	205
XP 022301590.1	GIMAP 7-like	Crassostrea virginica	.....CPSKLQKF	IQKCGNRVLAFENKL	.KGVEQDTQVKELLHI	203
XP 022296665.1	GIMAP 4-like	Crassostrea virginica	.....VPQSLKTI	ISKCDHRCIAFNNRA	.PSPARHDQVEDLLEM	262
XP 022296700.1	GIMAP 4-like	Crassostrea virginica	.....VPQSLKTI	ISKCDHRCIAFNNRA	.PSPARHDQVEDLLEM	262
XP 022295827.1	GIMAP 4-like	Crassostrea virginica	.....VPQSLKTI	ISKCDHRCIAFNNRA	.PSPARHDQVEDLLEM	262
XP 022301840.1	GIMAP 4-like	Crassostrea virginica	.....VPESLKTI	IAKCNHRCIAFNNTA	.SSPAKEDQVEDLLKM	205
XP 022300528.1	LOW QUALITY PROTEIN: GIMAP 4-like	Crassostrea virginica	.....VPQNLTII	IAKCGHRCIAFNNRA	.PXSCENKQVEDLLKM	227
XP 022298533.1	GIMAP 4-like, partial	Crassostrea virginica	.....VPESLKTI	IVKCNHCCIAFNNTA	.PSPAKEDQVADLLKI	182
XP 022297620.1	GIMAP 7-like	isoform X3 Crassostrea virginica	.....VPEDLKTI	IKNCNNRCIALNNRA	.PGSEKEEQVKNLLEM	403
XP 022302920.1	GIMAP 4-like	Crassostrea virginica	.....APEDLKTI	IEKCNHRCIAFNNRA	.SGSEAGETQVNHLLAE	184
XP 022300251.1	GIMAP 7-like	Crassostrea virginica	.....VSTNFKTFL	SNCKWRVCWFDNTL	.SGSNAGTQVRRALLSE	190
XP 022287294.1	GIMAP 4-like	isoform X1 Crassostrea virginica	.....KSSNLYKL	IEEINRRYVAVGVR	...DENEKEILEILSM	191
XP 022287295.1	GIMAP 4-like	isoform X1 Crassostrea virginica	.....KSSNLYKL	IEEINRRYVAVGVR	...DENEKEILEILSM	191
XP 022292452.1	GIMAP 4-like	Crassostrea virginica	.....KSTKFRKL	IDTNN.RYIAMGYQG	.NVQDRDDEVKQILSM	231
XP 022292453.1	GIMAP 4-like	Crassostrea virginica	.....KSTIFRKL	VDTNN.GYIAMGYQG	.NFKDRDDEVKQILSM	231
XP 022291927.1	GIMAP 4-like	Crassostrea virginica	.....KSSNLRKL	VDANN.RYMAMGYTG	.NVKDRDDEVKQILSM	216
XP 022295273.1	GIMAP 4-like	isoform X1 Crassostrea virginica	.....KSSNLRRL	IDASKGRYTAIGYKG	.KMEERTMEVKQILSM	236
XP 022295274.1	GIMAP 4-like	isoform X1 Crassostrea virginica	.....KSSNLRRL	IDASKGRYTAIGYKG	.KMEERTMEVKQILSM	236
XP 022295275.1	GIMAP 4-like	isoform X2 Crassostrea virginica	.....KSSNLRRL	IDASKGRYTAIGYKG	.KIEERTMEVKQILSM	236
XP 022295276.1	GIMAP 4-like	isoform X2 Crassostrea virginica	.....KSSNLRRL	IDASKGRYTAIGYKG	.KIEERTMEVKQILSM	236
XP 022295277.1	GIMAP 4-like	isoform X2 Crassostrea virginica	.....KSSNLRRL	IDASKGRYTAIGYKG	.KIEERTMEVKQILSM	236
XP 022295278.1	GIMAP 4-like	isoform X2 Crassostrea virginica	.....KSSNLRRL	IDASKGRYTAIGYKG	.KIEERTMEVKQILSM	236
XP 022295279.1	GIMAP 4-like	isoform X2 Crassostrea virginica	.....KSSNLRRL	IDASKGRYTAIGYKG	.KIEERTMEVKQILSM	236
XP 022295280.1	GIMAP 4-like	isoform X3 Crassostrea virginica	.....KSSNLRRL	IDASKGRYTAIGYKG	.KIEERTMEVKQILSM	236



XP_022296317.1	GIMAP	4-like	Crassostrea virginica
XP_022302183.1	GIMAP	4-like	Crassostrea virginica
XP_022303805.1	GIMAP	4-like	isoform X3 Crassostrea virginica
XP_022303806.1	GIMAP	4-like	isoform X3 Crassostrea virginica
XP_022304626.1	GIMAP	4-like	isoform X1 Crassostrea virginica
XP_022304627.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022304628.1	GIMAP	4-like	isoform X3 Crassostrea virginica
XP_022307700.1	GIMAP	4-like	Crassostrea virginica
XP_022335699.1	GIMAP	4-like	Crassostrea virginica
XP_022297635.1	GIMAP	4-like	Crassostrea virginica
XP_022291746.1	GIMAP	4-like	Crassostrea virginica
XP_022299405.1	GIMAP	7-like	isoform X1 Crassostrea virginica
XP_022299409.1	GIMAP	7-like	isoform X4 Crassostrea virginica
XP_022299416.1	GIMAP	7-like	isoform X8 Crassostrea virginica
XP_022299418.1	GIMAP	7-like	isoform X9 Crassostrea virginica
XP_022299408.1	GIMAP	7-like	isoform X3 Crassostrea virginica
XP_022299407.1	GIMAP	7-like	isoform X2 Crassostrea virginica
XP_022299410.1	GIMAP	7-like	isoform X5 Crassostrea virginica
XP_022299411.1	GIMAP	7-like	isoform X6 Crassostrea virginica
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XP_022304950.1	GIMAP	7-like	Crassostrea virginica
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XP_022301132.1	GIMAP	4-like	Crassostrea virginica
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XP_022295827.1	GIMAP	4-like	Crassostrea virginica
XP_022301840.1	GIMAP	4-like	Crassostrea virginica
XP_022300528.1	LOW QUALITY PROTEIN: GIMAP 4-like Crassostrea virginica		
XP_022298533.1	GIMAP	4-like, partial	Crassostrea virginica
XP_022297620.1	GIMAP	7-like	isoform X3 Crassostrea virginica
XP_022302920.1	GIMAP	4-like	Crassostrea virginica
XP_022300251.1	GIMAP	7-like	Crassostrea virginica
XP_022287294.1	GIMAP	4-like	isoform X1 Crassostrea virginica
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XP_022292453.1	GIMAP	4-like	Crassostrea virginica
XP_022291927.1	GIMAP	4-like	Crassostrea virginica
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XP_022295274.1	GIMAP	4-like	isoform X1 Crassostrea virginica
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XP_022295276.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022295277.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022295278.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022295279.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022295280.1	GIMAP	4-like	isoform X3 Crassostrea virginica

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XP_022296317.1	GIMAP	4-like	Crassostrea virginica
XP_022302183.1	GIMAP	4-like	Crassostrea virginica
XP_022303805.1	GIMAP	4-like	isoform X3 Crassostrea virginica
XP_022303806.1	GIMAP	4-like	isoform X3 Crassostrea virginica
XP_022304626.1	GIMAP	4-like	isoform X1 Crassostrea virginica
XP_022304627.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022304628.1	GIMAP	4-like	isoform X3 Crassostrea virginica
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XP_022335699.1	GIMAP	4-like	Crassostrea virginica
XP_022297635.1	GIMAP	4-like	Crassostrea virginica
XP_022291746.1	GIMAP	4-like	Crassostrea virginica
XP_022299405.1	GIMAP	7-like	isoform X1 Crassostrea virginica
XP_022299409.1	GIMAP	7-like	isoform X4 Crassostrea virginica
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XP_022299408.1	GIMAP	7-like	isoform X3 Crassostrea virginica
XP_022299407.1	GIMAP	7-like	isoform X2 Crassostrea virginica
XP_022299410.1	GIMAP	7-like	isoform X5 Crassostrea virginica
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XP_022304158.1	GIMAP	7-like	Crassostrea virginica
XP_022304950.1	GIMAP	7-like	Crassostrea virginica
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XP_022301132.1	GIMAP	4-like	Crassostrea virginica
XP_022301145.1	GIMAP	4-like	Crassostrea virginica
XP_022301588.1	GIMAP	4-like	Crassostrea virginica
XP_022301589.1	GIMAP	4-like	Crassostrea virginica
XP_022301590.1	GIMAP	7-like	Crassostrea virginica
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XP_022296700.1	GIMAP	4-like	Crassostrea virginica
XP_022295827.1	GIMAP	4-like	Crassostrea virginica
XP_022301840.1	GIMAP	4-like	Crassostrea virginica
XP_022300528.1	LOW QUALITY PROTEIN: GIMAP 4-like Crassostrea virginica		
XP_022298533.1	GIMAP	4-like, partial	Crassostrea virginica
XP_022297620.1	GIMAP	7-like	isoform X3 Crassostrea virginica
XP_022302920.1	GIMAP	4-like	Crassostrea virginica
XP_022300251.1	GIMAP	7-like	Crassostrea virginica
XP_022287294.1	GIMAP	4-like	isoform X1 Crassostrea virginica
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XP_022292452.1	GIMAP	4-like	Crassostrea virginica
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XP_022291927.1	GIMAP	4-like	Crassostrea virginica
XP_022295273.1	GIMAP	4-like	isoform X1 Crassostrea virginica
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XP_022295277.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022295278.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022295279.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022295280.1	GIMAP	4-like	isoform X3 Crassostrea virginica

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XP_022296317.1	GIMAP	4-like	Crassostrea virginica
XP_022302183.1	GIMAP	4-like	Crassostrea virginica
XP_022303805.1	GIMAP	4-like	isoform X3 Crassostrea virginica
XP_022303806.1	GIMAP	4-like	isoform X3 Crassostrea virginica
XP_022304626.1	GIMAP	4-like	isoform X1 Crassostrea virginica
XP_022304627.1	GIMAP	4-like	isoform X2 Crassostrea virginica
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XP_022297635.1	GIMAP	4-like	Crassostrea virginica
XP_022291746.1	GIMAP	4-like	Crassostrea virginica
XP_022299405.1	GIMAP	7-like	isoform X1 Crassostrea virginica
XP_022299409.1	GIMAP	7-like	isoform X4 Crassostrea virginica
XP_022299416.1	GIMAP	7-like	isoform X8 Crassostrea virginica
XP_022299418.1	GIMAP	7-like	isoform X9 Crassostrea virginica
XP_022299408.1	GIMAP	7-like	isoform X3 Crassostrea virginica
XP_022299407.1	GIMAP	7-like	isoform X2 Crassostrea virginica
XP_022299410.1	GIMAP	7-like	isoform X5 Crassostrea virginica
XP_022299411.1	GIMAP	7-like	isoform X6 Crassostrea virginica
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XP_022299413.1	GIMAP	7-like	isoform X6 Crassostrea virginica
XP_022299414.1	GIMAP	7-like	isoform X6 Crassostrea virginica
XP_022299415.1	GIMAP	7-like	isoform X7 Crassostrea virginica
XP_022291053.1	GIMAP	4-like	Crassostrea virginica
XP_022304158.1	GIMAP	7-like	Crassostrea virginica
XP_022304950.1	GIMAP	7-like	Crassostrea virginica
XP_022310198.1	GIMAP	4-like	Crassostrea virginica
XP_022296314.1	GIMAP	4-like	Crassostrea virginica
XP_022301668.1	GIMAP	4-like	Crassostrea virginica
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XP_022301589.1	GIMAP	4-like	Crassostrea virginica
XP_022301590.1	GIMAP	7-like	Crassostrea virginica
XP_022296665.1	GIMAP	4-like	Crassostrea virginica
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XP_022295827.1	GIMAP	4-like	Crassostrea virginica
XP_022301840.1	GIMAP	4-like	Crassostrea virginica
XP_022300528.1	LOW QUALITY PROTEIN: GIMAP 4-like Crassostrea virginica		
XP_022298533.1	GIMAP	4-like, partial	Crassostrea virginica
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XP_022295278.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022295279.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022295280.1	GIMAP	4-like	isoform X3 Crassostrea virginica

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XP_022301840.1	GIMAP	4-like	Crassostrea virginica
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XP_022295277.1	GIMAP	4-like	isoform X2 Crassostrea virginica
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XP_022295280.1	GIMAP	4-like	isoform X3 Crassostrea virginica

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

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XP_022303805.1	GIMAP	4-like	isoform X3 Crassostrea virginica
XP_022303806.1	GIMAP	4-like	isoform X3 Crassostrea virginica
XP_022304626.1	GIMAP	4-like	isoform X1 Crassostrea virginica
XP_022304627.1	GIMAP	4-like	isoform X2 Crassostrea virginica
XP_022304628.1	GIMAP	4-like	isoform X3 Crassostrea virginica
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XP_022299416.1	GIMAP	7-like	isoform X8 Crassostrea virginica
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XP_022299408.1	GIMAP	7-like	isoform X3 Crassostrea virginica
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XP_022299410.1	GIMAP	7-like	isoform X5 Crassostrea virginica
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XP_022299415.1	GIMAP	7-like	isoform X7 Crassostrea virginica
XP_022291053.1	GIMAP	4-like	Crassostrea virginica
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XP_022300528.1	LOW QUALITY PROTEIN: GIMAP 4-like Crassostrea virginica		
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logo



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XP 022303805.1 GIMAP 4-like isoform X3 Crassostrea virginica  
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XP 022291927.1 GIMAP 4-like Crassostrea virginica  
XP 022295273.1 GIMAP 4-like isoform X1 Crassostrea virginica  
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