

Metacarcinus_magister		0
Myomenippe_fornasinii	CAAAACAATAAATTATATAAAAAGTACTTAACCTCAATCTT	40
Menippe_nodifrons		0
Pseudocarcinus_gigas		0
Consensus		
Metacarcinus_magister	TGCTAGCCCGCAGCCTTAATT	20
Myomenippe_fornasinii	TTCCAACAACCTATTTTAAGAAACACAATAACAAATATA	80
Menippe_nodifrons	..GTAAACAATAATATTACTCAATTTTTCATTACATACA	38
Pseudocarcinus_gigas	TAATTCCTAT	9
Consensus		
Metacarcinus_magister	AACTTTTTCGCCCTTCATTAAPATTCACCTTATGTTTTA	60
Myomenippe_fornasinii	ATATTTATATAAATATATATATATATACGTACATGCATAT	120
Menippe_nodifrons	AAAATTCATATATAACATTAAGCAACATTTAATAA.ATAC	77
Pseudocarcinus_gigas	AAACACACCTAAATGTCTAT..ACACTTATACACACCCTC	48
Consensus	a a a t a a t a a	
Metacarcinus_magister	ATTTCTTTTGTTCACCACTTTCAGCCCGGCCCTACACCT	100
Myomenippe_fornasinii	ATTTTATAAATAATATATATATATATATACAAATAGGTTA	160
Menippe_nodifrons	ACAGCACTACTATATATATATATATATATATCTAGAACACT	117
Pseudocarcinus_gigas	AAACAAATTAAGATTAATTTATA...AAATACAACTTA	85
Consensus	a a a t a a a	
Metacarcinus_magister	TACACCTCTTTTAAATGGTTTTCAGCCAAACCTCAACCT	140
Myomenippe_fornasinii	TTAATACCAATTATAGTCAAAAGACACAAATTTATTCAGCC	200
Menippe_nodifrons	TACTCTAGATAGAAATTAATAATAGCATATAAATTTTCCT	157
Pseudocarcinus_gigas	TATATACATATATGTATATATATAAATAATATATTAAGT	125
Consensus	t a a a t	
Metacarcinus_magister	TTAAGCTTATTCGGT....CCTTTAGCCCTTTTAAATA	175
Myomenippe_fornasinii	CCCGCTTATATATAAAG..AACCATATTATCAAAAATTTAC	239
Menippe_nodifrons	CCTGCCCTATATATAAGATATCTATAAAAACACATCCGTA	197
Pseudocarcinus_gigas	TAGCTATAGACTTAG..TCTTATAGATTAGCTCATGCT	164
Consensus	t a a c	
Metacarcinus_magister	ACAAGCTTTTAAATATTAACAAA..TCAGC....TCA	208
Myomenippe_fornasinii	TATATATATATCTCTATATAAAAAATCAAGCACTTATAT	279
Menippe_nodifrons	TATATATTACAAATTTATTTTCG..CTAGC....ATAT	232
Pseudocarcinus_gigas	TTATCTAAAGAGATTAAATATAAATAAACTTAT..TTTATAT	203
Consensus	ta a ta a t	
Metacarcinus_magister	AAATTATGTTTATTAATATATCTCCGATCTA....TA	243
Myomenippe_fornasinii	AAATAAAATCAATGGTAGACTAARAAATATCTTCCTTA	319
Menippe_nodifrons	AACTAGAACCTTTTAA...ATTGAAGATATAGA..CPA	267
Pseudocarcinus_gigas	AAATATATCTTTATC..TCAGTTAGAAATAG...TAA	238
Consensus	aa a t a a aa t a	
Metacarcinus_magister	TTGTTATCCCTTTAAATTTTAAAACTTTAAAAATCTCC	283
Myomenippe_fornasinii	ACAAATATATTTAAATTAATTTTATATATTTTCCCTCT	359
Menippe_nodifrons	ATATTAGTATCTTA..AGATATCT..AAATTAACATTTCTG	305
Pseudocarcinus_gigas	ACATTACTTTTAA...TGATTTT..GTAAATTATTTT	274
Consensus	a t a ta t	
Metacarcinus_magister	CTATATGAGAAAGCTCCCTCAACCTTTACCTTAAAAAT	323
Myomenippe_fornasinii	TTCTATTTTAGCTTCAATTTTTCATCTCAATAAGAAAA	399
Menippe_nodifrons	TATATGAATAAATACCCCTTCGGTATCCCAATGTAGCTAT	345
Pseudocarcinus_gigas	AACATTTATAATAATAAAGGAATA..CGATGATATATTAG	313
Consensus	a t	
Metacarcinus_magister	TAGCTTATATATAGAGACCTTAACA..ACTCGACTTCCC	362
Myomenippe_fornasinii	ATAAGTGTAGAGATTAATTCAGGAA....TTAATTTGC	434
Menippe_nodifrons	ATAAGGATAGATACATTTCAAGCAAGAATTAAATTCAC	385
Pseudocarcinus_gigas	TTTAAATTCAGAGTAAATTGGAAGCTC....TTGGATCT	349
Consensus	a a a a c t	
Metacarcinus_magister	TTATTAATTCCAACTGACCCCTTAAAAATTTAAGCTATCT	402
Myomenippe_fornasinii	CACCTTCTTTTAGGGGAAGCAATTTAATTCAGGCCCGCT.G	473
Menippe_nodifrons	CTTCTCCCTCCGGGAAAGAAATTAATTTCTGACCGCA.G	424
Pseudocarcinus_gigas	TCATTCACCTCTCAAGGTGAGATCTCCCAAGCACCGCA.C	388
Consensus	t t g c c	
Metacarcinus_magister	AAACAACCTTAAATAAAG...CCCTAGCTAGATCTAAT	440
Myomenippe_fornasinii	GAATTACITCTAATATAAAGGGAAATATATATATTCGT	513
Menippe_nodifrons	GAATTGTTTCTAATATAA...TAATATATATTTACAT	460
Pseudocarcinus_gigas	GAATTACTTCTAATATAAGAGCTCATGTATATATTCAT	428
Consensus	aa taa ataaa a t t	
Metacarcinus_magister	TTAATTTAAAGATTTTTCGACCTTAAAAAAGAGATTAAC	480
Myomenippe_fornasinii	TTTAACTTCATATAACTATATATATAAGTATAATCTCT	553
Menippe_nodifrons	TC..AGTTTCATTCCTATTTATAT.....AAAT	488
Pseudocarcinus_gigas	TT..AATTTAATCAAG..GATCA.....TACTT	454
Consensus	t a a a a t t	
Metacarcinus_magister	TCTTATACCCCTGCTCCTTCTCATATATATATAGATA	520
Myomenippe_fornasinii	TAGCT..CACTATATTTATATATATAGTTTAAATGTATATA	591
Menippe_nodifrons	AA.....CAATCAATTTCAAGTTTACTTTCAATCATTA	523
Pseudocarcinus_gigas	TA.....ATGAAGCTCAAGAAATTAATTTATATATATTA	488
Consensus	t a a ta ta	
Metacarcinus_magister	ATCCCTTAATTTTATATATATATATATATCTTTTAAAT	560
Myomenippe_fornasinii	TATATATATAT..ATATATATATATATATATATATATAT	630
Menippe_nodifrons	TATTTCTTTTTCACATCAAGAAATTTATATATATATAT	563
Pseudocarcinus_gigas	TATGATATAT..ATAT..TATATATCTCTTTATCTCTCT	526
Consensus	a t t t ta a	
Metacarcinus_magister	ATAACTTCACTCCTTCCCTAATCTCCAGCTCCCTTAGAG	600
Myomenippe_fornasinii	AGATCTTCAACATTTATTAATAACATATTCATCTTTATA	670
Menippe_nodifrons	ACAAATTTCTTACATATATAACATA.....	588
Pseudocarcinus_gigas	TTATTTCCTTTTTTCTTTTGCTAGTTTCTTATTTT...A	564
Consensus	a a	
Metacarcinus_magister	CTTTCAGAAACCTTAACCCCA.....	621
Myomenippe_fornasinii	TAATTCCTTTTTTATTTTATCATATTTTTCCTGATCA	710
Menippe_nodifrons		588
Pseudocarcinus_gigas	TATTTTTTTTATACACTTTATATATTTT.....	593
Consensus		
Metacarcinus_magister		621
Myomenippe_fornasinii	TTATAATTTTCTTTTGTGACATATT	736
Menippe_nodifrons		588
Pseudocarcinus_gigas		593
Consensus		