



Digital supplementary material to

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The content of this digital supplementary material was subject to the same scientific editorial processing as the article it accompanies. However, the authors are responsible for copyediting and layout.

Table S1 *Megaponera analis* colonies collected in 2019, individual colony labels, collection date and GPS coordinates.

<i>Megaponera analis</i> 2019	Individual colony label	Date of collection	GPS-Coordinates latitude	GPS-Coordinates longitude
1	<i>M. analis</i> SW1	17.04.2019	N 08.77811	W 003.78601
2	<i>M. analis</i> SW2	17.04.2019	N 08.77887	W 003.78552
3	<i>M. analis</i> SW3	17.04.2019	N 08.77902	W 003.78504
4	<i>M. analis</i> SW4	17.04.2019	N 08.77950	W 003.78418
5	<i>M. analis</i> SW5	18.04.2019	N 08.77791	W 003.78664
6	<i>M. analis</i> SW6	18.04.2019	N 08.77816	W 003.78832
7	<i>M. analis</i> SW7	18.04.2019	N 08.77786	W 003.78668
8	<i>M. analis</i> SW8	19.04.2019	N 08.77876	W 003.78553
9	<i>M. analis</i> SW9	19.04.2019	N 08.77879	W 003.78558
10	<i>M. analis</i> SW10	19.04.2019	N 08.77966	W 003.78410
11	<i>M. analis</i> CW1	20.04.2019	N 08.75317	W 003.82074
12	<i>M. analis</i> CW2	20.04.2019	N 08.75395	W 003.82093
13	<i>M. analis</i> CW3	20.04.2019	N 08.75433	W 003.82110
14	<i>M. analis</i> CW4	20.04.2019	N 08.75577	W 003.82155
15	<i>M. analis</i> CW5	20.04.2019	N 08.75608	W 003.82222
16	<i>M. analis</i> CW6	23.04.2019	N 08.75633	W 003.82215
17	<i>M. analis</i> CW7	23.04.2019	N 08.75707	W 003.82192
18	<i>M. analis</i> CW8	23.04.2019	N 08.75925	W 003.82208
19	<i>M. analis</i> CW9	25.04.2019	N 08.75599	W 003.82163
20	<i>M. analis</i> CW10	25.04.2019	N 08.75897	W 003.82182
21	<i>M. analis</i> CE1	23.04.2019	N 08.75143	W 003.81645
22	<i>M. analis</i> CE2	23.04.2019	N 08.75182	W 003.81637
23	<i>M. analis</i> CE3	25.04.2019	N 08.75171	W 003.81619
24	<i>M. analis</i> CE4	25.04.2019	N 08.75182	W 003.81627
25	<i>M. analis</i> CE5	28.04.2019	N 08.75164	W 003.81605
26	<i>M. analis</i> CE6	28.04.2019	N 08.75221	W 003.81629
27	<i>M. analis</i> CE7	28.04.2019	N 08.75221	W 003.81641
28	<i>M. analis</i> CE8	28.04.2019	N 08.75200	W 003.81594
29	<i>M. analis</i> CE9	28.04.2019	N 08.75176	W 003.81635
30	<i>M. analis</i> CE10	28.04.2019	N 08.75266	W 003.816232
31	<i>M. analis</i> SE1	27.04.2019	N 08.76963	W 003.79769
32	<i>M. analis</i> SE2	27.04.2019	N 08.76957	W 003.79755
33	<i>M. analis</i> SE3	27.04.2019	N 08.76965	W 003.79775
34	<i>M. analis</i> SE4	27.04.2019	N 08.76812	W 003.78929
35	<i>M. analis</i> SE5	27.04.2019	N 08.76816	W 003.78878
36	<i>M. analis</i> SE6	29.04.2019	N 08.76950	W 003.79138
37	<i>M. analis</i> SE7	29.04.2019	N 08.76963	W 003.79770
38	<i>M. analis</i> SE8	29.04.2019	N 08.76960	W 003.79018
39	<i>M. analis</i> SE9	08.04.2019	N 08.76935	W 003.78666
40	<i>M. analis</i> SE10	12.04.2019	N 08.76537	W 003.78779

Table S2 Individual *Megaponera analis* colonies collected in 2017, individual colony labels, collection date and GPS coordinates.

<i>Megaponera analis</i> 2017	Individual colony label	GPS- Coordinates latitude	GPS- Coordinates longitude
1	<i>M. analis</i> SE17-1	N08.76906	W003.78966
2	<i>M. analis</i> SE17-2	N08.7687	W003.78914
3	<i>M. analis</i> SE17-3	N08.76859	W003.78876
4	<i>M. analis</i> SE17-4	N08.76827	W003.7893
5	<i>M. analis</i> SE17-5	N08.76926	W003.78951
6	<i>M. analis</i> SE17-6	N08.76902	W003.78878
7	<i>M. analis</i> SE17-7	N08.76844	W003.78877
8	<i>M. analis</i> SE17-8	N08.76803	W003.78931
9	<i>M. analis</i> SE17-9	N08.76903	W003.78918
10	<i>M. analis</i> SW17-1	N08.77319	W003.79292
11	<i>M. analis</i> SW17-2	N08.77561	W003.78877
12	<i>M. analis</i> SW17-3	N08.7772	W003.78914
13	<i>M. analis</i> SW17-4	N08.77746	W003.78909
14	<i>M. analis</i> SW17-5	N08.77761	W003.78834
15	<i>M. analis</i> SW17-6	N08.77757	W003.78773
16	<i>M. analis</i> SW17-7	N08.77864	W003.78577
17	<i>M. analis</i> SW17-8	N08.77773	W003.78818
18	<i>M. analis</i> SW17-9	N08.77896	W003.78509
19	<i>M. analis</i> SW17-10	N08.78024	W003.78388
20	<i>M. analis</i> SW17-11	N08.77634	W003.79100
21	<i>M. analis</i> CW17-1	N08.75339	W003.81935
22	<i>M. analis</i> CW17-2	N08.75171	W003.82178
23	<i>M. analis</i> CW17-3	N08.75778	W003.82154
24	<i>M. analis</i> CW17-4	N08.74804	W003.82334
25	<i>M. analis</i> CW17-5	N08.75598	W003.82222
26	<i>M. analis</i> CW17-6	N08.75657	W003.82234
27	<i>M. analis</i> CW17-7	N08.75712	W003.82240
28	<i>M. analis</i> CW17-8	N08.75779	W003.82205
29	<i>M. analis</i> CW17-9	N08.75798	W003.82247
30	<i>M. analis</i> CW17-10	N08.75896	W003.82274
31	<i>M. analis</i> CE17-1	N08.751799	W003.816261
32	<i>M. analis</i> CE17-2	N08.755063	W003.8154
33	<i>M. analis</i> CE17-3	N08.751984	W003.816138
34	<i>M. analis</i> CE17-4	N08.753162	W003.815434
35	<i>M. analis</i> CE17-5	N08.755063	W003.8154
36	<i>M. analis</i> CE17-6	N08.75120	W003.81670
37	<i>M. analis</i> CE17-7	N08.750998	W003.817509
38	<i>M. analis</i> CE17-8	N08.75070	W003.18745
39	<i>M. analis</i> CE17-9	N08.74680	W003.81960
40	<i>M. analis</i> CE17-10	N08.75138	W003.81676

Table S3 *Paltothyreus tarsatus* colonies that were collected in 2019. The individual colony labels, the collection date and the GPS coordinates.

<i>Paltothyreus tarsatus</i> 2019	Individual colony label	Date of collection	GPS-Coordinates latitude	GPS-Coordinates longitude
1	<i>P. tarsatus</i> SW1	17.04.2019	N 08.77793	W 003.78691
2	<i>P. tarsatus</i> SW2	17.04.2019	N 08.77808	W 003.78678
3	<i>P. tarsatus</i> SW3	17.04.2019	N 08.77887	W 003.78622
4	<i>P. tarsatus</i> SW4	17.04.2019	N 08.77956	W 003.78452
5	<i>P. tarsatus</i> SW5	19.04.2019	N 08.77793	W 003.78673
6	<i>P. tarsatus</i> SW6	19.04.2019	N 08.77834	W 003.78567
7	<i>P. tarsatus</i> SW7	19.04.2019	N 08.77918	W 003.78513
8	<i>P. tarsatus</i> SW8	19.04.2019	-	-
9	<i>P. tarsatus</i> SE1	20.04.2019	N 08.77002	W 003.78941
10	<i>P. tarsatus</i> SE2	20.04.2019	N 08.76969	W 003.78920
11	<i>P. tarsatus</i> SE3	27.04.2019	N 08.76954	W 003.79817
12	<i>P. tarsatus</i> SE4	27.04.2019	N 08.76984	W 003.78983
13	<i>P. tarsatus</i> CE1	28.04.2019	N 08.75204	W 003.81667
14	<i>P. tarsatus</i> CE2	28.04.2019	N 08.75273	W 003.81645
15	<i>P. tarsatus</i> SE5	29.04.2019	N 08.77004	W 003.79457
16	<i>P. tarsatus</i> SE6	29.04.2019	N 08.76987	W 003.79879
17	<i>P. tarsatus</i> CW1	30.04.2019	N 08.75319	W 003.82034
18	<i>P. tarsatus</i> CW2	30.04.2019	N 08.75463	W 003.81970
19	<i>P. tarsatus</i> CW3	02.05.2019	N 08.75255	W 003.82088
20	<i>P. tarsatus</i> CW4	02.05.2019	N 08.75183	W 003.82238
21	<i>P. tarsatus</i> CW5	02.05.2019	N 08.74750	W 003.82361
22	<i>P. tarsatus</i> CW6	03.05.2019	N 08.75255	W 003.82088
23	<i>P. tarsatus</i> CE3	05.05.2019	N 08.75370	W 003.81648
24	<i>P. tarsatus</i> CE4	05.05.2019	N 08.75325	W 003.81640
25	<i>P. tarsatus</i> CE5	05.05.2019	N 08.75311	W 003.81637
26	<i>P. tarsatus</i> CE6	05.05.2019	N 08.75180	W 003.81648
27	<i>P. tarsatus</i> CE7	05.05.2019	N 08.75243	w 003.81606
28	<i>P. tarsatus</i> SE7	11.05.2019	N 08.77118	W 003.79437
29	<i>P. tarsatus</i> CW7	12.05.2019	N 08.75227	W 003.82126
30	<i>P. tarsatus</i> CW8	12.05.2019	N 08.75194	W 003.82145
31	<i>P. tarsatus</i> CW9	13.05.2019	N 08.75052	W 003.82181
32	<i>P. tarsatus</i> CW10	13.05.2019	N 08.74805	W 003.82311

Table S4 Newly developed microsatellite primers for *Megaponera analis*. Primer pair ID, positive/negative amplification, annealing temperature in degree Celsius, product size in base pairs and the individual primer sequences for forward and reverse primer.

Primer pair ID	Amplification	Annealing temperature (°C)	Product size (bp)	Primer sequence (5'-3')
Meg1	+	57	225	CCGTACCTGTAATTATCCCTTCCC
		57		GACGAGGACGATTCGACGTC
Meg2	+	57	162	GGCTGCATGGTCACGATTG
		57		GAATTCTAACGGCGGGAAGG
Meg3	+	57	175	TGCCTTTTCCGTTCTCTTCG
		57		GGAAATACACGCAGATCCCG
Meg4	-	57	214	CGGCAGTCTCGGGAAGTTAT
		57		GTCGCTGCGTACATTGTCAT
Meg5	+	57	191	CGAAGAATGTAGTCGCGAGC
		57		TGTACGAGAAGCTTGCTTGC
Meg6	+	57	183	GGAGAGAGACGTGAGCATGA
		57		TATCCCTCATTCAACGCGA
Meg7	+	57	180	TTTGTGAGGAGGAGGTGTCA
		57		CGGAGAAGTCGGAAGTCACA
Meg8	-	50	171	GTCCCAAGAGTATATCTACATATGC
		50		CGCCTTTTGTTATTTTCGTTCC
Meg9	-	50	210	TGTCTTACCATATTGTTTCTCG
		50		GTCGTAATGTCTGTATGTGC
Meg10	-	50	150	CAGGTATAGGCTTCTTAGAACC
		50		TGTCAAGAGACTTGTGTCTG
Meg11	-	50	170	GGATTATTAATCTAACGCACGTG
		50		CGCACGCTAAAATTACATCTCC
Meg12	-	50	167	TGGGAGACAGAGTGAGACTC
		50		CCCATCATCTTTACTGAACACC
Meg13	-	50	184	ATATTGTCTTTCGTTGTGC
		50		CGATATTGTCTTTCGTTGTGC
Meg14	-	50	165	CGTAATCCTTCCTTCACATGC
		50		CGTATAGATTTGTATGCTACTGCG
Meg15	+	50	205	GTTGAAAGGGTTAATTTTCATCG
		50		ACCGTTCCTCTATTCTGC
Meg16	-	50	109	GTAGAAAACCTGAACAACCCCA
		50		GGGAGACATAGAGAGACTCC
Meg17	+	50	176	GTACAATTCACAGTTTCTTGAC
		50		GGATATGTACCACTGTATTAATGC
Meg18	+	50	151	GTCGATTTCTCCGGTATCTGG
		50		TTGCTTCAGCTAACCGGCT
Meg19	+	50	138	CAATCCGTCAATTCTCTACG
		50		ACATTGGTAGGTACATATGCATATAG
Meg20	-	50	112	GGGAGACAGACCAAGACTCC
		50		CTCACTTGTCTACCAAATACCTG
Meg21	-	50	160	GACACAGACGTATAACGAACG
		50		GTATTTCTACATTCTTCACATATCG
Meg22	+	50	190	AAGCATCTCTTTCTTTTCCTCAC
		50		CCGCTAAATTAGAAAACCTGCTTC
Meg23	+	50	175	TTTGCTGAATTTCTAACGGC
		50		CGAAATTACGACTAATCACCG
Meg24	+	50	194	AATCCATCGGGTAATTTTCAGC
		50		CGGATTCATTCAATTCTGTGG
Meg25	+	50	216	GCGATTACACATATTTTCGTCG
		50		GTTGTATTACTCTCTCAAGTTACTCGAG
Meg26	+	50	223	AACAGCCAGTCCTACCGCT
		50		AACGTAATACGATTCAAGAATTTACG
Meg27	+	50	193	GGTTATAACAATCGATCCTCCGA
		50		CGGGTCATCGGTGTACAATTAC

Table S5 Newly developed microsatellite primers for *Paltothyreus tarsatus*. Primer pair ID, positive/negative amplification, annealing temperature in degree Celsius, product size in base pairs and the individual primer sequences for forward and reverse primers.

Primer pair ID	Amplification	Product size (bp)	Annealing temperature (°C)	Primer sequence (5'-3')
Pt 1 forward	+	198	58	CCGGTGTGGGTGTCAGG
Pt 1 reverse			58	CAGGCAGGGGAAATAGAACG
Pt 2 forward	+	346	51	TAGCCTTCAAGAACGTTTCGC
Pt 2 reverse			51	AAGCCAGAATTAGGATCGCG
Pt 3 forward	-	582	-	TTTGCAATGCTAATCGGGGC
Pt 3 reverse			-	CCGTGAGTTTCATCATCCTCG
Pt 4 forward	-	193	-	TCGCTCCTTATCTTGTCTGGG
Pt 4 reverse			-	CTTCGAAAGTTGTAACGCGC
Pt 5 forward	+	178	51	CAACAATCGCCGATCTCTGG
Pt 5 reverse			51	AACCTGATTTCCCAAGTGG
Pt 6 forward	+	185	51	CAGGGAAGGGGAAAGGAGG
Pt 6 reverse			51	AGCGACTCGAGATTAAGGCC
Pt 7 forward	+	217	51	GACGGGTGCAAATAAGGTGG
Pt 7 reverse			51	TTGCATCGCTTTCTCGTACG
Pt 8 forward	+	298	58	AGCAACAGGTTCGTGAAAGG
Pt 8 reverse			58	GCGCGAATTTTCTACTCTTCC
Pt 9 forward	+	176	53	CTAGGAGGAGGACAGAAGGC
Pt 9 reverse			53	GCAATTACTGGGAGTTCGGG
Pt 10 forward	+	196	51	GCTGATTGAACGAATGGTGC
Pt 10 reverse			51	GTTCTCGCGCATCTATACG
Pt 11 forward	-	600	-	TCGCTTTGTCTCTCGATGC
Pt 11 reverse			-	AAGAGAGAGAGAGAGAGCAGG
Pt 12 forward	-	273	-	CCAGGTTAATGAGGCCTTGC
Pt 12 reverse			-	CACACATACACACTGGGG
Pt 13 forward	-	585	-	TAACGTCGTCCACATGTTGC
Pt 13 reverse			-	CAACACGGACACTTTAAGATCC
Pt 14 forward	-	287	-	AGCAGGTCTGGGTTCAAGC
Pt 14 reverse			-	GCGCTGCTCATATGATATGC
Pt 15 forward	-	998	-	AAACAGGTGGGCATCGTACG
Pt 15 reverse			-	AGTTTCATGATTAACGCTTGAGG
Pt 16 forward	-	1109	-	CGTGAATTCTAAGACCTGGCG
Pt 16 reverse			-	CAGATGGCGAAATGAATAACAGC
Pt 17 forward	-	755	-	AAACATCCGAAACAGGTGGG
Pt 17 reverse			-	GAATACGACGCTTGCAAACG
Pt 18 forward	-	479	-	TGAGTGGATTTTCGGGTTTCC
Pt 18 reverse			-	CTAGAGACCATCACTATGCGC
Pt 19 forward	-	155	-	TCACCTTGACAACCTCCTCCC
Pt 19 reverse			-	TGATCAAAAACGTTTCAGACAAGC
Pt 20 forward	-	1000	-	GACATCCCTCGTATGCTGC
Pt 20 reverse			-	AAGGCTCAGCTCACACACG
Pt 21 forward	+	246	-	CTGACCCATTTAAGCCCAGG
Pt 21 reverse			-	GTCGAACGAAAAGCCTCACG
Pt 22 forward	+	192	53	GAAGGGAAGGATGGGAGGG

Pt 22 reverse			53	TGACTTATCAAACCTGCCCTCG
Pt 23 forward	-	493	-	GAGTTCAACGCTAGGCACG
Pt 23 reverse			-	AGAGAGGCCGCTATTCATGG
Pt 24 forward	-	1163	-	GAGTGCTTTCTTTGCCTCCC
Pt 24 reverse			-	AGTCCGAAAACCTGCCTTTGG
Pt 25 forward	-	374	-	TGTAAATATGTTTGGTGCATGCC
Pt 25 reverse			-	CATGATCTACAAAGGACCACGG
Pt 26 forward	-	289	-	TGTACTACCCATTGTCCGCC
Pt 26 reverse			-	CTGTTGTCTCAAGCCTACGG
Pt 27 forward	-	298	-	AACGGGTGGGTAGTTAGCG
Pt 27 reverse			-	TAATCCCCGAGCCTGTACGC
Pt 28 forward	-	243	-	AATGCGCGTGTAATGTTCCC
Pt 28 reverse			-	ACTTCCTCAGATTTATGACGCC
Pt 29 forward	-	584	-	ATAATAACATCCCCGGTGCGC
Pt 29 reverse			-	GAAGCCGGGAATTAGATCGC
Pt 30 Forward	-	997	-	GCTCTACAACATATCCAAGGCC
Pt 30 reverse			-	GGACCCACTTTTAACGATCGG
Pt 31 forward	+	274	51	CTGCCCATTCGTTGAACCG
Pt 31 reverse			51	GAGGAGAGGAGAAGGGCG
Pt 32 forward	+	133	51	TTGTTTTCTTTCATCCGCGC
Pt 32 reverse			51	GCGTGTGTACTGTCTCTCCC
Pt 33 forward	+	176	51	GTCATTTCTCTCCCCTTCGC
Pt 33 reverse			51	GGTAGATTCCGGGAGAGGC
Pt 34 forward	-	642	-	AATTGGATTTTCAGGCTTCCG
Pt 34 reverse			-	ACCTCCGTGAATTCTACCCG
Pt 35 forward	-	188	-	ACATCCAACCTTTCCCATACGC
Pt 35 reverse			-	GTGCGTGTAAGACCGGC
Pt 36 forward	-	159	-	TCTGTCAGCTGAATTCTCCG
Pt 36 reverse			-	GCACAAGATCCTCCCTCCG
Pt 37 forward	-	-	-	-
Pt 37 reverse			-	-
Pt 38 forward	+	120	53	CTTCGTCGCCAGTCTGCC
Pt 38 reverse			53	GTCCCACGATATGCTTGCG
Pt 39 forward	+	341	58	AGCGCCAAATTTTGAATACCG
Pt 39 reverse			58	TGATCTTCAAGCTTACCTGGC
Pt 40 forward	+	291	55	TCAGTTGTGTATTACCCCGC
Pt 40 reverse			55	AAGTTCCATTGGTTAGCGCC
Pt 41 forward	+	398	58	ATGGGAGGTAGGGGAGGG
Pt 41 reverse			58	ACGCATCCCAAATGTTACGG
Pt 42 forward	+	288	58	CTAAGCGTTCTCAATACCGGG
Pt 42 reverse			58	CTAAGATCCGTTAGTCCCGC
Pt 43 forward	-	-	-	-
Pt 43 reverse			-	-
Pt 44 forward	-	519	-	GACAGTCGTTGATAGGTGCG
Pt 44 reverse			-	AAGCTCATAGAAATTCGTGCG
Pt 45 forward	+	288	51	CAATTTATGTATTACCCCGCGC
Pt 45 reverse			51	AAGTTCCATTGGTTAGCGCC

Table S6 Microsatellite genotypes of *M. analis* individuals (a-t for colonies sampled in 2019 and a-j for colonies samples in 2017) of all sampled colonies at 6 different loci (Meg1, Meg2, Meg3, Meg5, Meg17, Meg25). Genotypes marked with N/A (not available) did not show unambiguous peaks. Colony tags are divided by the two collection areas Camp (C) and Station (S) with the respective geographical orientation of the river sides, East (C) and West (W). Extended abbreviation with “17” for colonies sampled in 2017.

<i>Megaponera analis</i> colonies from 2017 and 2019						
Individual	Primer Meg1	Primer Meg2	Primer Meg3	Primer Meg5	Primer Meg17	Primer Meg25
<i>M. analis</i> SE1a	225/227	146/154	176/178	180/184	177/189	220/222
<i>M. analis</i> SE1b	223/225	146/158	178/180	180/194	177/189	220/220
<i>M. analis</i> SE1c	225/227	146/158	176/178	180/184	177/189	220/220
<i>M. analis</i> SE1d	225/227	146/158	176/178	180/194	177/189	220/220
<i>M. analis</i> SE1e	223/225	146/158	178/180	180/184	177/189	220/222
<i>M. analis</i> SE1f	223/225	N/A	178/180	180/184	177/189	220/220
<i>M. analis</i> SE1g	223/225	146/154	178/180	180/184	177/189	220/222
<i>M. analis</i> SE1h	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SE1i	225/227	146/158	176/178	180/184	177/189	220/220
<i>M. analis</i> SE1j	223/225	146/158	178/180	180/194	177/189	220/220
<i>M. analis</i> SE1k	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SE1l	225/227	146/154	176/178	180/184	177/189	220/220
<i>M. analis</i> SE1m	225/227	146/154	176/178	180/184	177/189	220/222
<i>M. analis</i> SE1n	225/227	146/154	176/178	180/184	177/189	220/220
<i>M. analis</i> SE1o	223/225	146/158	176/178	180/194	177/189	220/222
<i>M. analis</i> SE1p	225/227	146/158	178/180	180/194	177/189	220/222
<i>M. analis</i> SE1q	223/225	146/158	178/180	180/184	177/189	220/222
<i>M. analis</i> SE1r	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SE1s	223/225	146/158	176/178	180/194	177/189	220/222
<i>M. analis</i> SE1t	223/225	146/158	178/180	180/194	177/189	220/220
<i>M. analis</i> SE2a	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SE2b	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SE2c	227/227	158/158	164/180	190/192	177/177	220/226
<i>M. analis</i> SE2d	227/227	158/160	156/180	190/192	177/177	220/226
<i>M. analis</i> SE2e	227/227	158/160	164/180	190/192	177/177	220/220
<i>M. analis</i> SE2f	227/227	158/158	156/180	190/192	177/177	220/220
<i>M. analis</i> SE2g	227/229	158/160	156/180	190/192	177/189	220/220
<i>M. analis</i> SE2h	227/227	158/160	156/180	190/192	177/177	220/220
<i>M. analis</i> SE2i	227/229	158/158	156/180	190/192	177/189	220/226
<i>M. analis</i> SE2j	227/227	158/160	164/180	190/192	177/189	220/226
<i>M. analis</i> SE2k	227/229	158/160	156/180	190/192	177/189	220/220
<i>M. analis</i> SE2l	227/229	158/160	156/180	190/192	177/177	220/220
<i>M. analis</i> SE2m	227/227	158/160	164/180	190/192	177/189	220/220
<i>M. analis</i> SE2n	227/229	158/160	164/180	190/192	177/177	220/226
<i>M. analis</i> SE2o	227/229	158/158	N/A	190/192	N/A	N/A
<i>M. analis</i> SE2p	227/229	158/158	156/180	192/194	177/177	220/226
<i>M. analis</i> SE2q	227/229	158/160	164/180	190/192	177/189	220/226
<i>M. analis</i> SE2r	227/227	158/158	164/180	190/192	177/189	220/226
<i>M. analis</i> SE2s	227/227	158/160	164/180	190/192	177/189	220/220
<i>M. analis</i> SE2t	227/229	158/160	164/180	190/192	177/177	220/220
<i>M. analis</i> SE3a	223/225	146/158	178/180	180/194	177/189	220/222
<i>M. analis</i> SE3b	225/227	146/154	178/180	180/194	177/189	220/222
<i>M. analis</i> SE3c	225/227	146/154	178/180	180/184	177/189	220/220
<i>M. analis</i> SE3d	223/225	146/154	178/180	180/194	177/189	220/222
<i>M. analis</i> SE3e	223/225	146/158	176/178	180/184	177/189	220/220
<i>M. analis</i> SE3f	223/225	146/158	176/178	180/194	177/189	220/220
<i>M. analis</i> SE3g	225/227	146/158	178/180	180/194	177/189	220/222
<i>M. analis</i> SE3h	225/227	146/154	176/178	180/184	177/189	220/220
<i>M. analis</i> SE3i	223/225	146/154	178/180	180/184	177/189	220/222
<i>M. analis</i> SE3j	223/225	146/154	178/180	180/184	177/189	220/222
<i>M. analis</i> SE3k	225/227	146/158	178/180	180/184	177/189	220/222
<i>M. analis</i> SE3l	223/225	146/154	178/180	180/184	177/189	220/220
<i>M. analis</i> SE3m	223/225	146/158	178/180	180/184	177/189	220/220
<i>M. analis</i> SE3n	223/225	146/154	176/178	180/184	N/V	220/222
<i>M. analis</i> SE3o	223/225	146/158	176/178	180/184	177/189	220/222
<i>M. analis</i> SE3p	225/227	146/158	178/180	180/194	177/189	220/222
<i>M. analis</i> SE3q	225/227	146/158	176/178	180/184	177/189	220/220
<i>M. analis</i> SE3r	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SE3s	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SE3t	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SE4a	223/229	N/A	176/178	182/188	N/A	N/A
<i>M. analis</i> SE4b	223/231	158/162	176/178	182/188	177/177	222/224
<i>M. analis</i> SE4c	223/229	158/162	176/178	182/188	177/189	222/224
<i>M. analis</i> SE4d	223/231	158/158	178/178	186/188	177/177	224/226
<i>M. analis</i> SE4e	223/229	158/162	176/178	182/188	177/177	222/224
<i>M. analis</i> SE4f	223/229	158/158	176/178	182/188	177/177	222/224
<i>M. analis</i> SE4g	223/229	158/162	176/178	186/188	177/177	222/224
<i>M. analis</i> SE4h	223/231	158/162	178/178	182/188	177/189	222/224
<i>M. analis</i> SE4i	223/231	158/158	176/178	186/188	177/177	222/224
<i>M. analis</i> SE4j	223/229	158/158	178/178	186/188	177/177	222/224
<i>M. analis</i> SE4k	223/229	158/162	178/178	182/188	177/177	222/224
<i>M. analis</i> SE4l	223/229	158/162	178/178	182/188	177/177	222/224
<i>M. analis</i> SE4m	223/231	158/162	178/178	186/188	177/189	222/224
<i>M. analis</i> SE4n	223/229	158/162	176/178	186/188	177/177	222/224

<i>M. analis</i> SE4o	223/231	158/162	176/178	186/188	177/177	222/224
<i>M. analis</i> SE4p	223/229	158/162	176/178	186/188	177/177	222/224
<i>M. analis</i> SE4q	223/231	158/158	178/178	182/188	N/A	222/224
<i>M. analis</i> SE4r	223/229	158/162	176/178	186/188	N/A	N/A
<i>M. analis</i> SE4s	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SE4t	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SE5a	221/227	158/158	160/178	188/192	177/193	222/222
<i>M. analis</i> SE5b	227/227	158/158	160/180	190/192	177/189	222/222
<i>M. analis</i> SE5c	227/227	158/158	160/178	190/192	177/193	218/222
<i>M. analis</i> SE5d	221/227	158/158	160/180	190/192	177/193	222/222
<i>M. analis</i> SE5e	221/227	158/158	N/A	188/192	177/193	222/222
<i>M. analis</i> SE5f	227/227	158/158	160/178	180/192	177/189	218/222
<i>M. analis</i> SE5g	227/227	158/158	160/178	190/192	177/189	222/222
<i>M. analis</i> SE5h	221/227	158/158	160/178	190/192	177/189	222/222
<i>M. analis</i> SE5i	227/227	158/158	160/178	188/192	177/189	222/222
<i>M. analis</i> SE5j	221/227	158/158	160/178	190/192	177/189	222/222
<i>M. analis</i> SE5k	227/227	158/158	160/180	190/192	177/189	222/222
<i>M. analis</i> SE5l	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SE5m	227/227	158/158	160/178	190/192	N/A	N/A
<i>M. analis</i> SE5n	221/227	158/158	N/A	188/192	177/193	218/222
<i>M. analis</i> SE5o	221/227	158/158	N/A	188/192	N/A	N/A
<i>M. analis</i> SE5p	221/227	158/158	160/178	190/192	177/193	218/222
<i>M. analis</i> SE5q	221/227	158/158	160/178	188/192	177/189	218/222
<i>M. analis</i> SE5r	227/227	158/158	160/180	188/192	177/193	218/222
<i>M. analis</i> SE5s	221/227	158/158	160/178	188/192	177/193	218/222
<i>M. analis</i> SE5t	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SE6a	227/229	158/158	178/178	184/192	177/177	208/222
<i>M. analis</i> SE6b	223/227	158/158	178/178	184/192	177/177	208/222
<i>M. analis</i> SE6c	223/227	158/158	164/178	188/192	177/177	208/222
<i>M. analis</i> SE6d	227/229	158/158	178/178	184/192	177/177	208/222
<i>M. analis</i> SE6e	223/227	158/158	164/178	184/192	177/177	208/226
<i>M. analis</i> SE6f	227/229	158/158	178/178	184/192	177/177	208/226
<i>M. analis</i> SE6g	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SE6h	223/227	158/158	178/178	188/192	177/177	208/226
<i>M. analis</i> SE6i	227/229	158/158	178/178	188/192	177/177	208/222
<i>M. analis</i> SE6j	227/229	158/158	164/178	188/192	177/177	208/222
<i>M. analis</i> SE6k	227/229	158/158	178/178	188/192	177/177	208/226
<i>M. analis</i> SE6l	227/229	158/158	178/178	188/192	177/177	208/226
<i>M. analis</i> SE6m	227/229	158/158	178/178	188/192	177/177	208/226
<i>M. analis</i> SE6n	227/229	158/158	164/178	184/192	177/177	208/226
<i>M. analis</i> SE6o	227/229	158/158	164/178	188/192	177/177	208/226
<i>M. analis</i> SE6p	227/229	158/158	178/178	184/192	177/177	208/222
<i>M. analis</i> SE6q	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SE6r	223/227	158/158	164/178	188/192	177/177	208/226
<i>M. analis</i> SE6s	223/227	158/158	164/178	188/192	177/177	208/222
<i>M. analis</i> SE6t	223/227	158/158	164/178	188/192	177/177	208/226
<i>M. analis</i> SE7a	225/227	146/158	176/178	180/194	177/189	220/222
<i>M. analis</i> SE7b	225/227	146/154	176/178	180/184	177/189	220/222
<i>M. analis</i> SE7c	223/225	146/158	178/180	180/194	177/189	220/222
<i>M. analis</i> SE7d	223/225	146/158	178/180	180/194	177/189	220/222
<i>M. analis</i> SE7e	225/227	146/154	176/178	180/184	177/189	220/220
<i>M. analis</i> SE7f	223/225	146/154	176/178	180/184	177/189	220/222
<i>M. analis</i> SE7g	225/227	146/154	178/180	180/194	177/189	220/220
<i>M. analis</i> SE7h	223/225	146/158	N/A	180/184	N/A	220/222
<i>M. analis</i> SE7i	223/225	146/158	176/178	180/184	177/189	220/220
<i>M. analis</i> SE7j	225/227	146/154	178/180	180/194	177/189	220/222
<i>M. analis</i> SE7k	223/225	146/158	178/180	180/194	177/189	220/220
<i>M. analis</i> SE7l	223/225	146/154	176/178	180/194	177/189	220/220
<i>M. analis</i> SE7m	225/227	146/154	178/180	180/194	177/189	220/222
<i>M. analis</i> SE7n	223/225	146/158	178/180	180/194	177/189	220/222
<i>M. analis</i> SE7o	223/225	146/154	178/180	180/184	177/189	220/222
<i>M. analis</i> SE7p	223/225	146/158	178/180	180/194	177/189	220/222
<i>M. analis</i> SE7q	N/A	146/158	178/180	180/184	177/189	220/222
<i>M. analis</i> SE7r	225/227	146/158	176/178	180/194	177/189	220/222
<i>M. analis</i> SE7s	223/225	146/154	176/178	180/184	177/189	220/220
<i>M. analis</i> SE7t	223/225	146/158	178/180	180/194	177/189	220/220
<i>M. analis</i> SE8a	225/225	158/158	178/180	188/194	177/189	222/222
<i>M. analis</i> SE8b	223/225	146/158	178/180	180/194	177/189	222/222
<i>M. analis</i> SE8c	225/225	158/158	176/178	188/192	177/189	218/222
<i>M. analis</i> SE8d	225/225	150/158	176/178	188/192	177/189	218/222
<i>M. analis</i> SE8e	225/229	158/158	178/180	188/194	177/177	218/222
<i>M. analis</i> SE8f	225/229	158/158	178/180	188/192	177/177	218/222
<i>M. analis</i> SE8g	225/225	158/158	178/180	188/192	177/189	N/A
<i>M. analis</i> SE8h	225/229	150/158	178/180	188/192	177/177	218/222
<i>M. analis</i> SE8i	225/229	158/158	178/180	188/192	177/177	222/222
<i>M. analis</i> SE8j	225/225	150/158	176/178	188/194	177/189	218/222
<i>M. analis</i> SE8k	225/225	150/158	178/180	188/192	177/189	218/222
<i>M. analis</i> SE8l	225/229	158/158	176/178	188/192	177/177	218/222
<i>M. analis</i> SE8m	225/225	158/158	178/180	188/194	177/177	218/222
<i>M. analis</i> SE8n	225/225	150/158	178/180	188/192	177/177	218/222
<i>M. analis</i> SE8o	225/225	158/158	176/178	188/194	177/189	218/222
<i>M. analis</i> SE8p	225/225	158/158	178/180	188/194	177/189	218/222
<i>M. analis</i> SE8q	225/225	158/158	176/178	188/192	177/177	222/222
<i>M. analis</i> SE8r	225/225	158/158	178/180	188/194	177/177	222/222

<i>M. analis</i> SE8s	225/229	150/158	176/178	188/192	177/189	222/222
<i>M. analis</i> SE8t	225/229	158/158	178/180	188/194	177/177	222/222
<i>M. analis</i> SE9a	223/229	158/160	158/180	188/196	177/189	206/222
<i>M. analis</i> SE9b	223/229	158/160	158/180	192/196	177/189	206/224
<i>M. analis</i> SE9c	223/229	146/158	158/180	188/196	177/189	206/224
<i>M. analis</i> SE9d	223/229	158/160	158/180	192/196	177/189	206/224
<i>M. analis</i> SE9e	223/229	158/160	158/180	188/196	177/189	206/224
<i>M. analis</i> SE9f	229/229	158/160	158/180	192/196	177/189	206/224
<i>M. analis</i> SE9g	223/229	158/160	158/180	188/196	177/189	206/224
<i>M. analis</i> SE9h	223/229	158/160	158/180	192/196	177/189	206/224
<i>M. analis</i> SE9i	229/229	158/160	158/180	188/196	177/189	206/224
<i>M. analis</i> SE9j	229/229	158/160	158/180	192/196	177/189	206/222
<i>M. analis</i> SE9k	223/229	158/160	158/180	192/196	177/189	206/224
<i>M. analis</i> SE9l	223/229	158/160	158/180	192/196	177/189	206/224
<i>M. analis</i> SE9m	223/227	156/168	178/180	180/190	177/177	218/220
<i>M. analis</i> SE9n	223/229	158/160	158/180	188/196	177/189	206/224
<i>M. analis</i> SE9o	223/229	158/160	158/180	192/196	177/189	206/224
<i>M. analis</i> SE9p	229/229	158/160	158/180	188/196	177/189	206/222
<i>M. analis</i> SE9q	223/229	158/160	158/180	192/196	177/189	206/224
<i>M. analis</i> SE9r	223/229	158/160	158/180	192/196	177/189	206/222
<i>M. analis</i> SE9s	229/229	158/160	158/180	192/196	177/189	206/224
<i>M. analis</i> SE9t	223/229	158/160	158/180	192/196	N/A	206/224
<i>M. analis</i> SE10a	227/227	152/168	156/178	180/192	177/177	218/222
<i>M. analis</i> SE10b	227/227	152/168	156/178	180/192	177/177	218/222
<i>M. analis</i> SE10c	227/227	152/168	156/182	180/192	177/177	220/222
<i>M. analis</i> SE10d	227/227	152/152	156/178	190/192	177/177	218/220
<i>M. analis</i> SE10e	223/227	152/168	156/182	190/192	177/177	220/222
<i>M. analis</i> SE10f	223/227	152/152	156/182	190/192	177/177	220/222
<i>M. analis</i> SE10g	223/227	152/168	156/182	190/192	177/177	218/222
<i>M. analis</i> SE10h	223/227	152/168	156/182	190/192	177/177	220/222
<i>M. analis</i> SE10i	223/227	152/168	178/180	190/196	177/177	218/220
<i>M. analis</i> SE10j	223/227	152/152	156/178	190/192	177/177	220/222
<i>M. analis</i> SE10k	223/227	156/168	178/182	190/196	177/177	218/220
<i>M. analis</i> SE10l	223/227	156/168	178/182	180/192	177/177	218/220
<i>M. analis</i> SE10m	227/227	152/152	178/180	192/192	177/177	N/A
<i>M. analis</i> SE10n	223/227	156/168	178/182	180/192	177/177	218/220
<i>M. analis</i> SE10o	223/227	156/168	178/182	190/196	177/177	218/220
<i>M. analis</i> SE10p	223/227	152/168	156/178	190/192	177/177	220/222
<i>M. analis</i> SE10q	223/227	152/168	178/180	180/192	177/177	218/220
<i>M. analis</i> SE10r	223/227	152/168	178/180	190/196	177/177	218/220
<i>M. analis</i> SE10s	223/227	152/168	156/178	180/192	177/177	218/222
<i>M. analis</i> SE10t	227/227	152/152	156/182	180/192	177/177	218/222
<i>M. analis</i> SW1a	227/229	152/158	156/178	188/194	177/189	220/220
<i>M. analis</i> SW1b	225/227	156/158	156/178	184/194	177/177	220/220
<i>M. analis</i> SW1c	225/227	156/158	178/178	184/194	177/177	220/220
<i>M. analis</i> SW1d	225/227	152/158	178/178	184/194	177/189	220/220
<i>M. analis</i> SW1e	225/227	156/158	178/178	184/194	177/177	218/220
<i>M. analis</i> SW1f	225/227	156/158	156/178	184/194	177/177	220/220
<i>M. analis</i> SW1g	225/227	156/158	178/178	184/194	177/189	220/220
<i>M. analis</i> SW1h	225/227	152/158	178/178	188/194	177/177	220/220
<i>M. analis</i> SW1i	227/229	152/158	156/178	188/194	177/177	220/220
<i>M. analis</i> SW1j	225/227	152/158	178/178	184/194	177/189	220/220
<i>M. analis</i> SW1k	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SW1l	225/227	156/158	178/178	184/194	177/189	218/220
<i>M. analis</i> SW1m	225/227	156/158	156/178	188/194	177/189	220/220
<i>M. analis</i> SW1n	225/227	156/158	156/178	188/194	177/189	218/220
<i>M. analis</i> SW1o	225/227	152/158	156/178	184/194	177/189	218/220
<i>M. analis</i> SW1p	225/227	152/158	178/178	188/194	177/177	218/220
<i>M. analis</i> SW1q	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SW1r	227/229	156/158	156/178	184/194	177/177	218/220
<i>M. analis</i> SW1s	227/229	156/158	156/178	188/194	177/177	218/220
<i>M. analis</i> SW1t	225/227	152/158	N/A	N/A	177/189	218/220
<i>M. analis</i> SW2a	223/229	152/152	166/178	184/190	177/177	218/220
<i>M. analis</i> SW2b	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SW2c	223/229	152/156	156/166	184/190	177/177	218/220
<i>M. analis</i> SW2d	223/229	152/152	166/178	184/190	177/177	218/220
<i>M. analis</i> SW2e	223/229	152/156	156/166	184/190	177/177	218/220
<i>M. analis</i> SW2f	223/229	152/156	156/166	184/190	177/177	218/220
<i>M. analis</i> SW2g	223/229	152/156	156/166	184/190	177/177	218/220
<i>M. analis</i> SW2h	223/229	152/156	166/178	184/190	177/177	218/220
<i>M. analis</i> SW2i	223/229	152/156	156/166	184/190	177/177	218/220
<i>M. analis</i> SW2j	223/229	152/156	156/166	184/190	177/177	218/220
<i>M. analis</i> SW2k	223/229	152/152	166/178	184/190	177/177	218/220
<i>M. analis</i> SW2l	223/229	152/152	156/166	184/190	177/177	218/220
<i>M. analis</i> SW2m	223/229	152/152	156/166	184/190	177/177	218/220
<i>M. analis</i> SW2n	223/229	152/152	166/178	184/190	177/177	218/220
<i>M. analis</i> SW2o	223/229	152/156	166/178	184/190	177/177	218/220
<i>M. analis</i> SW2p	223/229	152/156	166/178	184/190	177/177	218/220
<i>M. analis</i> SW2q	223/229	152/152	156/166	184/190	177/177	218/220
<i>M. analis</i> SW2r	223/229	152/156	166/178	184/190	177/177	218/220
<i>M. analis</i> SW2s	223/229	152/156	166/178	184/190	177/177	218/220
<i>M. analis</i> SW2t	223/229	152/156	156/166	184/190	177/177	218/220
<i>M. analis</i> SW3a	223/229	152/160	176/178	186/188	177/177	220/220
<i>M. analis</i> SW3b	229/229	152/160	176/178	188/194	177/177	208/220

<i>M. analis</i> SW3c	229/229	152/160	176/178	188/194	177/177	220/220
<i>M. analis</i> SW3d	229/229	152/160	176/178	188/194	177/177	220/220
<i>M. analis</i> SW3e	229/229	160/160	164/180	186/188	177/177	208/220
<i>M. analis</i> SW3f	229/229	152/160	178/180	188/194	177/177	208/220
<i>M. analis</i> SW3g	223/229	152/160	178/180	186/188	177/177	220/220
<i>M. analis</i> SW3h	223/229	160/160	164/180	186/188	177/177	208/220
<i>M. analis</i> SW3i	229/229	152/160	164/180	186/188	177/177	220/220
<i>M. analis</i> SW3j	223/229	160/160	178/180	188/194	177/177	220/220
<i>M. analis</i> SW3k	223/229	152/160	164/180	186/188	177/177	220/220
<i>M. analis</i> SW3l	223/229	152/160	178/180	186/188	177/177	220/220
<i>M. analis</i> SW3m	229/229	160/160	178/180	188/194	177/177	208/220
<i>M. analis</i> SW3n	229/229	160/160	178/180	186/188	177/177	208/220
<i>M. analis</i> SW3o	223/229	160/160	178/180	188/194	177/177	220/220
<i>M. analis</i> SW3p	229/229	160/160	178/180	188/194	177/177	220/220
<i>M. analis</i> SW3q	223/229	152/160	164/180	188/194	177/177	208/220
<i>M. analis</i> SW3r	223/229	152/160	164/180	188/194	177/177	208/220
<i>M. analis</i> SW3s	223/229	160/160	164/180	188/194	177/177	208/220
<i>M. analis</i> SW3t	223/229	160/160	N/A	N/A	177/193	220/220
<i>M. analis</i> SW4a	221/223	154/158	162/180	190/194	177/177	220/222
<i>M. analis</i> SW4b	221/223	154/158	178/180	190/190	177/177	220/222
<i>M. analis</i> SW4c	221/223	154/158	178/180	186/194	177/177	220/222
<i>M. analis</i> SW4d	N/A	154/154	162/178	N/A	177/177	220/222
<i>M. analis</i> SW4e	223/227	154/158	178/180	190/190	177/177	220/222
<i>M. analis</i> SW4f	223/227	154/158	162/178	190/194	177/177	220/222
<i>M. analis</i> SW4g	223/227	154/158	178/180	190/190	177/177	220/222
<i>M. analis</i> SW4h	221/223	154/154	178/180	186/194	177/177	220/222
<i>M. analis</i> SW4i	221/223	156/158	162/178	190/190	177/177	220/222
<i>M. analis</i> SW4j	221/223	154/158	162/178	190/194	177/177	220/222
<i>M. analis</i> SW4k	223/227	156/158	N/A	190/194	177/177	220/222
<i>M. analis</i> SW4l	223/227	156/158	162/180	190/190	177/177	220/222
<i>M. analis</i> SW4m	221/223	154/158	162/180	190/194	177/177	220/222
<i>M. analis</i> SW4n	221/223	154/158	162/180	190/190	177/177	220/222
<i>M. analis</i> SW4o	223/227	154/158	162/178	190/190	177/177	220/222
<i>M. analis</i> SW4p	223/227	154/158	N/A	190/194	177/177	220/222
<i>M. analis</i> SW4q	223/227	156/158	162/178	190/190	177/177	220/222
<i>M. analis</i> SW4r	221/223	154/158	162/178	N/A	177/177	220/222
<i>M. analis</i> SW4s	221/223	154/154	162/178	186/194	177/177	220/222
<i>M. analis</i> SW4t	223/227	156/158	162/178	190/194	177/177	220/222
<i>M. analis</i> SW5a	225/229	156/156	158/178	188/188	177/189	220/220
<i>M. analis</i> SW5b	229/229	152/156	158/176	184/188	177/189	220/220
<i>M. analis</i> SW5c	225/229	152/156	158/178	188/188	177/189	218/220
<i>M. analis</i> SW5d	225/229	156/156	158/176	188/188	177/189	220/220
<i>M. analis</i> SW5e	225/229	156/156	158/178	184/188	177/189	220/220
<i>M. analis</i> SW5f	229/229	156/156	158/178	184/188	177/189	218/220
<i>M. analis</i> SW5g	225/229	156/156	158/178	188/188	177/189	220/220
<i>M. analis</i> SW5h	229/229	152/156	158/178	188/188	177/189	218/220
<i>M. analis</i> SW5i	229/229	156/156	158/178	184/188	177/189	218/220
<i>M. analis</i> SW5j	225/229	152/156	158/176	188/188	177/189	220/220
<i>M. analis</i> SW5k	229/229	156/156	158/178	184/188	177/189	220/220
<i>M. analis</i> SW5l	225/229	152/156	158/176	184/188	177/189	220/220
<i>M. analis</i> SW5m	225/229	156/156	158/178	184/188	177/189	218/220
<i>M. analis</i> SW5n	225/229	156/156	158/176	188/188	177/189	218/220
<i>M. analis</i> SW5o	225/229	152/156	158/176	188/188	177/189	218/220
<i>M. analis</i> SW5p	229/229	156/156	158/176	188/188	177/189	220/220
<i>M. analis</i> SW5q	229/229	152/156	158/176	188/188	177/189	220/220
<i>M. analis</i> SW5r	229/229	156/156	158/178	184/188	177/189	220/220
<i>M. analis</i> SW5s	225/229	152/156	158/176	184/188	177/189	220/220
<i>M. analis</i> SW5t	229/229	156/156	158/178	184/188	177/189	218/220
<i>M. analis</i> SW6a	223/229	158/170	164/178	188/194	177/177	220/222
<i>M. analis</i> SW6b	223/229	158/170	164/178	188/188	177/177	218/222
<i>M. analis</i> SW6c	223/229	158/170	164/178	188/188	177/177	218/222
<i>M. analis</i> SW6d	223/229	152/158	164/176	188/188	177/177	218/222
<i>M. analis</i> SW6e	223/229	152/158	164/178	188/194	177/177	218/222
<i>M. analis</i> SW6f	223/229	152/158	164/178	188/194	177/177	220/222
<i>M. analis</i> SW6g	223/229	158/170	164/178	188/188	177/177	220/222
<i>M. analis</i> SW6h	223/229	152/158	164/178	188/194	177/177	218/222
<i>M. analis</i> SW6i	223/229	158/170	164/176	188/194	177/177	218/222
<i>M. analis</i> SW6j	223/229	158/170	164/178	188/194	177/177	220/222
<i>M. analis</i> SW6k	223/229	158/170	164/176	188/188	177/177	218/222
<i>M. analis</i> SW6l	223/229	158/170	164/178	188/194	177/177	220/222
<i>M. analis</i> SW6m	223/229	158/170	164/178	188/188	177/177	218/222
<i>M. analis</i> SW6n	223/229	152/158	164/178	188/194	177/177	218/222
<i>M. analis</i> SW6o	223/229	158/170	164/176	188/188	177/177	218/222
<i>M. analis</i> SW6p	223/229	158/170	164/178	188/194	177/177	220/222
<i>M. analis</i> SW6q	N/A	158/170	164/178	188/194	177/177	220/222
<i>M. analis</i> SW6r	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SW6s	223/229	158/170	164/176	188/194	177/177	220/222
<i>M. analis</i> SW6t	223/229	158/170	164/178	188/188	177/177	220/222
<i>M. analis</i> SW7a	225/229	152/156	158/176	184/188	177/189	218/220
<i>M. analis</i> SW7b	225/229	156/156	158/176	184/188	177/189	220/220
<i>M. analis</i> SW7c	229/229	156/156	158/176	188/188	177/189	218/220
<i>M. analis</i> SW7d	229/229	156/156	158/178	184/188	177/189	220/220
<i>M. analis</i> SW7e	229/229	152/156	158/178	184/188	177/189	220/220
<i>M. analis</i> SW7f	225/229	152/156	158/178	184/188	177/189	218/220

<i>M. analis</i> SW7g	225/229	152/156	158/176	188/188	177/189	220/220
<i>M. analis</i> SW7h	225/229	156/156	158/178	188/188	177/189	218/220
<i>M. analis</i> SW7i	229/229	152/156	158/178	188/188	177/189	218/220
<i>M. analis</i> SW7j	229/229	156/156	158/178	184/188	177/189	220/220
<i>M. analis</i> SW7k	229/229	152/156	158/178	184/188	177/189	220/220
<i>M. analis</i> SW7l	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SW7m	225/229	152/156	158/178	188/188	177/189	220/220
<i>M. analis</i> SW7n	225/229	152/156	158/178	N/A	177/189	218/220
<i>M. analis</i> SW7o	229/229	156/156	158/178	188/188	177/189	218/220
<i>M. analis</i> SW7p	N/A	152/156	158/178	184/188	177/189	218/220
<i>M. analis</i> SW7q	229/229	156/156	158/176	188/188	177/189	218/220
<i>M. analis</i> SW7r	229/229	156/156	158/176	184/188	177/189	220/220
<i>M. analis</i> SW7s	225/229	156/156	158/178	184/188	177/189	220/220
<i>M. analis</i> SW7t	229/229	152/156	158/176	188/188	177/189	218/220
<i>M. analis</i> SW8a	223/229	152/160	158/178	186/194	177/177	208/220
<i>M. analis</i> SW8b	229/229	152/160	166/178	192/194	177/177	220/226
<i>M. analis</i> SW8c	229/229	152/160	166/178	192/194	177/177	220/226
<i>M. analis</i> SW8d	227/229	152/160	158/178	192/194	177/177	220/222
<i>M. analis</i> SW8e	229/229	152/160	166/178	192/194	177/177	220/226
<i>M. analis</i> SW8f	227/229	152/152	158/178	180/186	177/177	222/226
<i>M. analis</i> SW8g	229/229	152/160	166/178	192/194	177/177	220/226
<i>M. analis</i> SW8h	229/229	152/160	166/178	192/194	177/177	220/226
<i>M. analis</i> SW8i	229/229	152/160	166/178	192/194	177/177	220/226
<i>M. analis</i> SW8j	229/229	152/160	166/178	192/194	N/A	220/226
<i>M. analis</i> SW8k	227/229	152/152	158/166	180/186	177/177	222/226
<i>M. analis</i> SW8l	227/229	152/160	158/178	186/194	177/177	208/220
<i>M. analis</i> SW8m	227/229	152/160	158/178	186/194	177/177	220/222
<i>M. analis</i> SW8n	229/229	152/160	166/178	186/194	177/177	208/220
<i>M. analis</i> SW8o	227/229	152/160	158/178	180/186	177/177	222/226
<i>M. analis</i> SW8p	223/229	152/160	166/178	192/194	177/177	208/220
<i>M. analis</i> SW8q	229/229	152/160	166/178	192/194	177/177	220/226
<i>M. analis</i> SW8r	229/229	152/160	158/178	192/194	177/177	208/220
<i>M. analis</i> SW8s	227/229	152/152	158/178	192/194	177/177	222/226
<i>M. analis</i> SW8t	227/229	152/152	158/178	192/194	177/177	222/226
<i>M. analis</i> SW9a	223/229	152/152	158/166	184/190	177/177	218/220
<i>M. analis</i> SW9b	223/229	152/152	158/166	184/190	177/177	218/220
<i>M. analis</i> SW9c	223/229	152/156	158/166	184/190	177/177	218/220
<i>M. analis</i> SW9d	223/229	152/152	166/178	184/190	177/177	218/220
<i>M. analis</i> SW9e	223/229	152/156	158/166	184/190	177/177	218/220
<i>M. analis</i> SW9f	223/229	152/156	166/178	184/190	177/177	218/220
<i>M. analis</i> SW9g	223/229	152/156	158/166	184/190	177/177	218/220
<i>M. analis</i> SW9h	223/229	152/156	166/178	184/190	177/177	218/220
<i>M. analis</i> SW9i	223/229	152/152	158/166	184/190	177/177	218/220
<i>M. analis</i> SW9j	223/229	152/156	158/166	184/190	177/177	218/220
<i>M. analis</i> SW9k	223/229	152/152	158/166	184/190	177/177	218/220
<i>M. analis</i> SW9l	223/229	152/152	166/178	184/190	177/177	218/220
<i>M. analis</i> SW9m	223/229	152/156	166/178	184/190	177/177	218/220
<i>M. analis</i> SW9n	223/229	152/152	158/166	184/190	177/177	218/220
<i>M. analis</i> SW9o	223/229	152/152	166/178	184/190	177/177	218/220
<i>M. analis</i> SW9p	223/229	152/156	158/166	184/190	177/177	218/220
<i>M. analis</i> SW9q	223/229	152/156	166/178	184/190	177/177	218/220
<i>M. analis</i> SW9r	223/229	152/156	158/166	184/190	177/177	218/220
<i>M. analis</i> SW9s	223/229	152/152	158/166	184/190	177/177	218/220
<i>M. analis</i> SW9t	223/229	152/152	166/178	184/190	177/177	218/220
<i>M. analis</i> SW10a	227/227	152/158	178/180	190/194	177/177	220/222
<i>M. analis</i> SW10b	227/227	152/158	178/180	188/190	177/189	220/222
<i>M. analis</i> SW10c	225/227	152/158	178/180	190/194	177/189	220/222
<i>M. analis</i> SW10d	227/227	152/158	178/178	190/194	177/189	220/222
<i>M. analis</i> SW10e	227/227	152/158	178/178	188/190	177/177	220/222
<i>M. analis</i> SW10f	225/227	152/158	178/178	188/190	177/189	220/222
<i>M. analis</i> SW10g	225/227	152/158	178/178	190/194	177/189	220/222
<i>M. analis</i> SW10h	227/227	152/158	178/180	188/190	177/189	220/222
<i>M. analis</i> SW10i	225/227	152/158	178/180	188/190	177/189	220/222
<i>M. analis</i> SW10j	225/227	152/158	178/180	190/194	177/177	220/222
<i>M. analis</i> SW10k	225/227	152/158	178/178	190/194	177/189	220/222
<i>M. analis</i> SW10l	225/227	152/158	178/178	188/190	177/177	220/222
<i>M. analis</i> SW10m	225/227	152/158	178/180	190/194	177/177	220/222
<i>M. analis</i> SW10n	227/227	152/158	178/180	188/190	177/189	220/222
<i>M. analis</i> SW10o	225/227	152/158	178/180	188/190	177/189	220/222
<i>M. analis</i> SW10p	225/227	152/158	178/178	190/194	177/177	220/222
<i>M. analis</i> SW10q	225/227	152/158	178/178	190/194	177/189	220/222
<i>M. analis</i> SW10r	227/227	152/158	178/180	188/190	177/189	220/222
<i>M. analis</i> SW10s	227/227	152/158	178/178	190/194	177/177	220/222
<i>M. analis</i> SW10t	225/227	152/158	178/178	190/194	177/189	220/222
<i>M. analis</i> CE1a	223/223	154/172	156/178	188/192	177/177	220/232
<i>M. analis</i> CE1b	223/223	154/172	156/178	188/192	177/177	220/232
<i>M. analis</i> CE1c	223/223	154/160	156/176	188/192	177/177	220/220
<i>M. analis</i> CE1d	227/229	158/160	160/178	182/188	177/177	220/220
<i>M. analis</i> CE1e	223/229	158/160	156/176	182/192	177/177	220/220
<i>M. analis</i> CE1f	N/A	154/172	156/176	188/192	177/177	220/232
<i>M. analis</i> CE1g	227/229	158/160	160/176	182/192	177/177	220/232
<i>M. analis</i> CE1h	N/A	154/160	N/A	182/188	177/177	220/220
<i>M. analis</i> CE1i	227/229	154/160	160/178	182/188	177/177	220/232
<i>M. analis</i> CE1j	223/229	158/160	N/A	182/188	177/177	220/232

<i>M. analis</i> CE1k	N/A	154/160	160/178	182/188	177/177	220/220
<i>M. analis</i> CE1l	223/223	154/160	156/176	188/192	177/177	220/232
<i>M. analis</i> CE1m	N/A	154/172	156/176	188/192	177/177	220/232
<i>M. analis</i> CE1n	N/A	154/160	156/176	188/192	177/177	220/232
<i>M. analis</i> CE1o	223/223	154/172	156/176	188/192	177/177	220/232
<i>M. analis</i> CE1p	223/223	154/172	156/176	182/192	177/177	220/232
<i>M. analis</i> CE1q	223/229	158/160	160/178	182/192	177/177	220/232
<i>M. analis</i> CE1r	223/223	154/172	156/176	188/192	177/177	220/220
<i>M. analis</i> CE1s	223/223	154/160	156/178	N/A	177/177	220/232
<i>M. analis</i> CE1t	N/A	154/172	156/176	188/192	177/177	220/220
<i>M. analis</i> CE2a	227/229	152/158	178/178	188/188	177/177	220/220
<i>M. analis</i> CE2b	227/229	152/160	178/178	188/190	177/177	220/222
<i>M. analis</i> CE2c	227/229	152/158	160/178	188/190	177/177	220/222
<i>M. analis</i> CE2d	225/227	152/160	160/178	188/188	177/177	N/A
<i>M. analis</i> CE2e	227/229	152/158	160/178	188/188	177/177	220/220
<i>M. analis</i> CE2f	227/229	152/158	160/178	188/190	177/177	220/220
<i>M. analis</i> CE2g	227/229	152/160	160/178	188/188	177/177	220/222
<i>M. analis</i> CE2h	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CE2i	227/229	152/160	178/178	188/188	177/177	220/220
<i>M. analis</i> CE2j	227/229	152/158	160/178	188/188	177/177	220/220
<i>M. analis</i> CE2k	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CE2l	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CE2m	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CE2n	227/229	152/160	160/178	188/188	177/177	220/222
<i>M. analis</i> CE2o	227/229	152/158	160/178	188/188	177/177	220/220
<i>M. analis</i> CE2p	227/229	152/158	160/178	188/188	177/177	220/222
<i>M. analis</i> CE2q	227/229	152/158	160/178	188/188	177/177	N/A
<i>M. analis</i> CE2r	227/229	152/158	160/178	188/188	177/177	220/220
<i>M. analis</i> CE2s	227/229	152/158	178/178	188/190	177/177	220/220
<i>M. analis</i> CE2t	227/229	152/158	178/178	188/188	177/177	220/220
<i>M. analis</i> CE3a	227/227	152/158	158/162	184/188	177/189	214/220
<i>M. analis</i> CE3b	225/227	152/158	158/162	184/188	177/189	214/222
<i>M. analis</i> CE3c	225/227	152/158	158/162	184/188	177/177	214/220
<i>M. analis</i> CE3d	225/227	152/158	158/178	184/188	177/189	N/A
<i>M. analis</i> CE3e	227/227	152/158	158/162	184/188	177/177	214/222
<i>M. analis</i> CE3f	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CE3g	225/227	152/158	158/162	184/188	177/189	214/222
<i>M. analis</i> CE3h	225/227	152/158	158/178	184/190	177/189	214/222
<i>M. analis</i> CE3i	225/227	152/158	158/178	184/190	177/189	214/220
<i>M. analis</i> CE3j	225/227	152/158	158/178	184/190	177/189	214/220
<i>M. analis</i> CE3k	225/227	152/158	158/162	184/188	177/189	214/222
<i>M. analis</i> CE3l	225/227	152/158	158/178	184/188	177/189	214/222
<i>M. analis</i> CE3m	227/227	152/158	158/162	184/188	177/189	N/A
<i>M. analis</i> CE3n	225/227	152/158	158/162	184/190	177/189	214/222
<i>M. analis</i> CE3o	225/227	152/158	158/178	184/188	177/189	214/220
<i>M. analis</i> CE3p	225/227	152/158	158/178	184/190	177/189	214/222
<i>M. analis</i> CE3q	227/227	152/158	158/162	184/188	177/189	214/222
<i>M. analis</i> CE3r	227/227	152/158	158/162	184/190	177/189	214/220
<i>M. analis</i> CE3s	227/227	152/158	158/162	184/190	177/189	214/220
<i>M. analis</i> CE3t	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CE4a	223/223	154/172	156/176	188/192	177/177	220/232
<i>M. analis</i> CE4b	223/223	154/160	156/176	188/192	177/177	220/232
<i>M. analis</i> CE4c	223/229	158/160	160/176	182/188	177/177	220/232
<i>M. analis</i> CE4d	223/229	154/160	160/176	182/188	177/177	220/232
<i>M. analis</i> CE4e	223/227	158/160	156/160	194/196	177/189	220/222
<i>M. analis</i> CE4f	223/223	152/154	156/160	188/192	177/177	220/232
<i>M. analis</i> CE4g	223/223	154/160	156/160	188/192	177/177	220/220
<i>M. analis</i> CE4h	223/223	154/158	160/176	182/188	N/A	N/A
<i>M. analis</i> CE4i	223/229	158/160	160/176	182/192	177/177	220/220
<i>M. analis</i> CE4j	223/223	154/172	156/160	186/192	177/177	220/220
<i>M. analis</i> CE4k	223/229	154/158	156/176	182/192	177/177	220/232
<i>M. analis</i> CE4l	223/223	154/172	156/176	188/192	177/177	220/220
<i>M. analis</i> CE4m	223/223	152/154	160/176	186/192	177/177	220/220
<i>M. analis</i> CE4n	223/229	154/158	156/176	182/192	177/177	220/220
<i>M. analis</i> CE4o	223/223	152/154	N/A	186/192	177/177	220/220
<i>M. analis</i> CE4p	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CE4q	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CE4r	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CE4s	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CE4t	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CE5a	225/233	156/160	160/178	182/188	177/177	220/220
<i>M. analis</i> CE5b	223/225	156/160	160/178	182/188	177/177	220/224
<i>M. analis</i> CE5c	223/225	160/164	160/176	188/188	177/189	220/220
<i>M. analis</i> CE5d	223/225	160/164	160/178	188/188	177/189	220/220
<i>M. analis</i> CE5e	225/233	156/160	160/178	182/188	177/177	220/224
<i>M. analis</i> CE5f	225/233	160/164	160/178	188/188	177/177	220/220
<i>M. analis</i> CE5g	223/225	156/160	160/178	188/188	177/177	220/224
<i>M. analis</i> CE5h	225/233	160/164	160/176	188/188	177/177	220/220
<i>M. analis</i> CE5i	225/233	156/160	160/178	182/188	177/189	220/220
<i>M. analis</i> CE5j	223/225	160/164	160/176	182/188	177/177	220/220
<i>M. analis</i> CE5k	225/233	160/164	160/178	188/188	177/177	220/220
<i>M. analis</i> CE5l	225/233	156/160	160/178	182/188	177/189	220/224
<i>M. analis</i> CE5m	223/225	156/160	160/176	182/188	177/177	220/224
<i>M. analis</i> CE5n	223/225	160/164	160/178	188/188	177/189	220/224

<i>M. analis</i> CE5o	225/233	156/160	160/176	188/188	177/177	220/220
<i>M. analis</i> CE5p	223/225	160/164	160/176	188/188	177/189	220/220
<i>M. analis</i> CE5q	225/233	156/160	160/176	188/188	177/177	220/220
<i>M. analis</i> CE5r	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CE5s	225/233	156/160	160/178	182/188	177/177	220/224
<i>M. analis</i> CE5t	225/233	156/160	160/176	188/188	177/177	220/220
<i>M. analis</i> CE6a	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CE6b	229/229	156/160	156/178	188/194	177/177	222/222
<i>M. analis</i> CE6c	229/229	156/160	156/178	188/194	177/177	222/222
<i>M. analis</i> CE6d	229/229	156/160	156/178	188/194	177/177	222/222
<i>M. analis</i> CE6e	229/229	156/160	156/178	188/194	177/177	222/222
<i>M. analis</i> CE6f	229/229	156/160	156/178	188/194	177/177	222/222
<i>M. analis</i> CE6g	227/229	156/160	156/178	188/194	177/177	222/222
<i>M. analis</i> CE6h	227/229	152/156	156/178	188/194	177/177	222/222
<i>M. analis</i> CE6i	227/229	156/160	156/178	188/194	177/177	222/222
<i>M. analis</i> CE6j	227/229	152/156	156/178	188/194	177/177	222/222
<i>M. analis</i> CE6k	227/229	152/156	156/178	188/194	177/177	222/222
<i>M. analis</i> CE6l	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CE6m	N/A	156/160	N/A	188/194	N/A	N/A
<i>M. analis</i> CE6n	227/229	156/160	156/178	188/194	177/177	222/222
<i>M. analis</i> CE6o	229/229	156/160	156/178	188/194	177/177	220/222
<i>M. analis</i> CE6p	227/229	152/156	156/178	188/194	177/177	222/222
<i>M. analis</i> CE6q	229/229	156/160	156/178	188/194	177/177	220/222
<i>M. analis</i> CE6r	227/229	156/160	178/178	188/194	177/177	220/220
<i>M. analis</i> CE6s	227/229	156/160	156/178	188/194	177/177	222/222
<i>M. analis</i> CE6t	227/229	152/160	156/178	188/194	177/177	222/222
<i>M. analis</i> CE7a	223/227	158/162	156/156	184/188	177/177	222/222
<i>M. analis</i> CE7b	223/227	152/162	156/180	188/190	177/189	222/222
<i>M. analis</i> CE7c	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CE7d	223/225	158/162	156/156	188/190	177/177	214/222
<i>M. analis</i> CE7e	223/227	158/162	156/156	184/188	177/177	222/222
<i>M. analis</i> CE7f	223/227	158/162	156/156	188/190	177/177	222/222
<i>M. analis</i> CE7g	223/227	152/162	156/156	184/188	177/189	214/222
<i>M. analis</i> CE7h	223/227	152/162	156/156	184/188	177/189	214/222
<i>M. analis</i> CE7i	223/227	152/162	156/156	188/190	177/177	222/222
<i>M. analis</i> CE7j	223/227	158/162	156/180	188/190	177/189	222/222
<i>M. analis</i> CE7k	223/227	158/162	156/156	188/190	177/189	214/222
<i>M. analis</i> CE7l	223/227	158/162	156/156	184/188	177/177	222/222
<i>M. analis</i> CE7m	223/227	158/162	156/180	184/188	177/189	214/222
<i>M. analis</i> CE7n	223/227	152/162	156/180	188/190	177/177	214/222
<i>M. analis</i> CE7o	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CE7p	223/227	158/162	156/156	188/190	177/177	214/222
<i>M. analis</i> CE7q	223/227	152/162	156/180	184/188	177/189	222/222
<i>M. analis</i> CE7r	223/227	152/162	156/156	184/188	177/177	222/222
<i>M. analis</i> CE7s	223/227	158/162	156/156	184/188	177/177	214/222
<i>M. analis</i> CE7t	223/227	152/162	156/180	188/190	177/189	222/222
<i>M. analis</i> CE8a	229/241	152/158	152/182	182/190	177/189	222/222
<i>M. analis</i> CE8b	223/225	156/160	160/178	188/188	177/177	220/224
<i>M. analis</i> CE8c	229/241	152/158	152/182	182/190	177/189	214/222
<i>M. analis</i> CE8d	223/241	154/158	160/182	186/190	177/189	222/222
<i>M. analis</i> CE8e	229/241	154/160	180/182	190/190	177/177	220/222
<i>M. analis</i> CE8f	223/241	152/158	152/182	182/190	177/189	222/222
<i>M. analis</i> CE8g	N/A	152/158	152/182	182/190	177/189	222/222
<i>M. analis</i> CE8h	229/241	158/160	180/182	190/190	177/189	220/222
<i>M. analis</i> CE8i	223/241	152/158	152/182	186/190	N/A	214/222
<i>M. analis</i> CE8j	223/241	152/158	160/182	186/190	177/189	214/222
<i>M. analis</i> CE8k	223/241	154/158	152/182	186/190	177/189	222/222
<i>M. analis</i> CE8l	229/241	154/158	160/182	186/190	177/189	214/222
<i>M. analis</i> CE8m	223/229	154/160	160/178	190/190	N/A	220/222
<i>M. analis</i> CE8n	223/241	152/158	160/182	182/190	177/189	222/222
<i>M. analis</i> CE8o	229/241	154/158	160/182	186/190	177/189	222/222
<i>M. analis</i> CE8p	223/241	154/158	160/182	182/190	177/189	214/222
<i>M. analis</i> CE8q	223/241	152/158	160/182	182/190	177/189	214/222
<i>M. analis</i> CE8r	229/241	154/158	152/182	182/190	177/189	214/222
<i>M. analis</i> CE8s	229/241	154/158	152/182	182/190	177/189	214/222
<i>M. analis</i> CE8t	229/241	154/158	160/182	186/190	177/189	214/222
<i>M. analis</i> CE9a	223/227	158/160	158/160	194/196	177/177	220/222
<i>M. analis</i> CE9b	223/229	158/160	160/178	182/188	177/177	220/220
<i>M. analis</i> CE9c	223/229	158/160	160/178	182/192	177/177	220/220
<i>M. analis</i> CE9d	223/223	154/172	158/178	188/192	177/177	220/232
<i>M. analis</i> CE9e	223/223	152/154	166/178	192/194	177/177	226/232
<i>M. analis</i> CE9f	227/229	158/160	160/178	182/188	177/177	220/220
<i>M. analis</i> CE9g	223/229	158/160	160/178	182/188	177/177	220/232
<i>M. analis</i> CE9h	223/223	154/160	158/178	188/192	177/177	220/232
<i>M. analis</i> CE9i	223/223	152/160	158/166	192/194	177/177	220/226
<i>M. analis</i> CE9j	223/223	154/160	158/178	188/192	177/177	220/232
<i>M. analis</i> CE9k	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CE9l	223/229	154/158	160/178	182/188	177/177	220/232
<i>M. analis</i> CE9m	223/223	152/154	158/166	192/194	177/177	220/226
<i>M. analis</i> CE9n	N/A	154/158	160/178	182/188	N/A	N/A
<i>M. analis</i> CE9o	223/229	158/160	160/178	194/196	177/189	220/220
<i>M. analis</i> CE9p	223/223	154/172	158/178	188/192	177/177	220/220
<i>M. analis</i> CE9q	223/227	158/160	158/160	192/194	177/189	220/220
<i>M. analis</i> CE9r	223/223	154/160	158/178	188/192	177/177	N/A

<i>M. analis</i> CE9s	223/223	154/172	158/178	192/194	177/177	220/232
<i>M. analis</i> CE9t	223/229	154/158	160/178	182/192	177/177	220/232
<i>M. analis</i> CE10a	223/225	154/160	156/182	188/190	177/177	220/222
<i>M. analis</i> CE10b	221/221	152/154	156/178	190/190	177/177	220/222
<i>M. analis</i> CE10c	223/225	154/160	156/182	182/190	177/177	220/222
<i>M. analis</i> CE10d	225/225	154/160	156/182	182/190	177/177	220/222
<i>M. analis</i> CE10e	221/225	152/154	156/178	182/190	177/177	222/222
<i>M. analis</i> CE10f	225/225	154/160	156/178	188/190	177/177	220/222
<i>M. analis</i> CE10g	223/225	154/160	156/178	188/190	177/177	220/222
<i>M. analis</i> CE10h	223/225	154/160	156/182	182/190	177/177	220/222
<i>M. analis</i> CE10i	223/225	154/160	156/178	182/190	177/177	220/222
<i>M. analis</i> CE10j	221/225	152/160	156/178	182/190	177/177	220/222
<i>M. analis</i> CE10k	221/225	152/154	156/178	182/190	177/177	220/222
<i>M. analis</i> CE10l	223/225	154/160	156/178	188/190	177/177	220/222
<i>M. analis</i> CE10m	225/225	154/160	156/178	188/190	177/177	220/222
<i>M. analis</i> CE10n	225/225	154/160	156/178	188/190	177/177	220/222
<i>M. analis</i> CE10o	221/221	152/154	156/178	188/190	177/177	222/222
<i>M. analis</i> CE10p	225/225	154/160	156/182	182/190	177/177	220/222
<i>M. analis</i> CE10q	223/225	154/160	156/182	188/190	177/177	220/222
<i>M. analis</i> CE10r	221/221	152/160	156/178	182/190	177/177	222/222
<i>M. analis</i> CE10s	225/225	154/160	156/182	188/190	177/177	220/222
<i>M. analis</i> CE10t	225/225	154/160	156/178	182/190	177/177	220/222
<i>M. analis</i> CW1a	227/229	152/156	158/180	182/184	177/189	220/232
<i>M. analis</i> CW1b	227/229	152/156	158/180	182/184	177/189	220/232
<i>M. analis</i> CW1c	227/229	152/156	158/180	182/184	177/189	220/232
<i>M. analis</i> CW1d	227/229	152/156	158/180	182/184	177/189	220/232
<i>M. analis</i> CW1e	227/229	152/156	158/180	182/184	177/189	220/232
<i>M. analis</i> CW1f	227/229	152/156	158/180	182/184	177/189	220/232
<i>M. analis</i> CW1g	227/229	152/156	158/180	182/184	177/189	220/232
<i>M. analis</i> CW1h	227/229	152/156	158/180	182/184	177/189	220/232
<i>M. analis</i> CW1i	227/229	152/156	158/180	182/184	177/189	220/232
<i>M. analis</i> CW1j	227/229	152/156	158/180	182/184	177/189	220/232
<i>M. analis</i> CW1k	227/229	152/156	158/180	182/184	177/189	N/A
<i>M. analis</i> CW1l	227/229	152/156	158/180	182/184	177/189	220/232
<i>M. analis</i> CW1m	227/229	152/156	158/180	182/184	177/189	220/232
<i>M. analis</i> CW1n	227/229	152/156	158/180	182/184	177/189	220/232
<i>M. analis</i> CW1o	227/229	152/156	158/180	182/184	177/189	220/232
<i>M. analis</i> CW1p	227/229	152/156	158/180	182/184	177/189	220/232
<i>M. analis</i> CW1q	227/229	152/156	158/180	182/184	177/189	220/232
<i>M. analis</i> CW1r	227/229	152/156	158/180	182/184	177/189	220/232
<i>M. analis</i> CW1s	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CW1t	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CW2a	223/229	154/160	176/178	188/190	177/189	222/222
<i>M. analis</i> CW2b	223/229	152/160	176/178	188/190	177/189	222/222
<i>M. analis</i> CW2c	223/229	154/160	176/178	188/190	177/189	222/222
<i>M. analis</i> CW2d	223/229	152/160	176/178	190/190	177/189	220/222
<i>M. analis</i> CW2e	223/227	152/160	156/176	190/190	177/189	220/222
<i>M. analis</i> CW2f	223/227	152/160	176/178	184/190	177/189	220/222
<i>M. analis</i> CW2g	223/229	152/160	176/178	190/190	177/189	222/222
<i>M. analis</i> CW2h	223/229	154/160	176/178	184/190	177/177	N/A
<i>M. analis</i> CW2i	223/229	152/160	176/178	190/190	177/189	N/A
<i>M. analis</i> CW2j	223/227	152/160	176/178	190/190	177/189	222/222
<i>M. analis</i> CW2k	223/227	152/160	176/178	190/190	177/189	220/222
<i>M. analis</i> CW2l	223/227	154/160	176/178	184/190	177/189	222/222
<i>M. analis</i> CW2m	223/229	154/160	176/178	190/190	177/177	220/222
<i>M. analis</i> CW2n	223/227	154/160	176/178	190/190	177/189	222/222
<i>M. analis</i> CW2o	223/229	152/160	176/178	190/190	177/189	222/222
<i>M. analis</i> CW2p	223/229	154/160	176/178	184/190	177/189	222/222
<i>M. analis</i> CW2q	223/229	154/160	176/178	184/190	177/189	220/222
<i>M. analis</i> CW2r	223/227	152/160	176/178	184/190	177/189	220/222
<i>M. analis</i> CW2s	223/229	152/160	176/178	184/190	177/189	222/222
<i>M. analis</i> CW2t	223/227	152/160	176/178	184/190	177/189	220/222
<i>M. analis</i> CW3a	221/229	152/156	178/182	184/186	177/177	220/220
<i>M. analis</i> CW3b	221/229	152/164	178/178	184/186	177/177	220/220
<i>M. analis</i> CW3c	223/229	152/164	178/182	182/184	177/177	220/220
<i>M. analis</i> CW3d	223/229	152/164	N/A	182/184	177/177	220/220
<i>M. analis</i> CW3e	221/229	152/156	178/182	182/184	177/177	220/220
<i>M. analis</i> CW3f	223/229	152/164	178/182	182/184	177/177	220/220
<i>M. analis</i> CW3g	221/229	152/164	178/178	184/186	177/177	220/220
<i>M. analis</i> CW3h	N/A	152/156	178/182	184/186	177/177	220/220
<i>M. analis</i> CW3i	223/229	152/164	178/182	182/184	177/177	220/220
<i>M. analis</i> CW3j	223/229	152/156	178/178	184/186	177/177	220/220
<i>M. analis</i> CW3k	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CW3l	221/223	158/164	178/182	182/186	177/177	220/220
<i>M. analis</i> CW3m	221/229	152/156	178/178	184/186	177/177	220/220
<i>M. analis</i> CW3n	221/229	152/156	178/178	182/184	177/177	220/220
<i>M. analis</i> CW3o	223/229	152/156	178/178	184/186	177/177	220/220
<i>M. analis</i> CW3p	223/229	152/164	178/178	184/186	177/177	220/220
<i>M. analis</i> CW3q	223/229	152/156	178/178	184/186	177/177	220/220
<i>M. analis</i> CW3r	223/229	152/164	178/182	182/184	177/177	220/220
<i>M. analis</i> CW3s	223/229	152/156	178/182	184/186	177/177	220/220
<i>M. analis</i> CW3t	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CW4a	223/223	158/160	156/178	184/196	177/177	216/222
<i>M. analis</i> CW4b	223/223	158/160	156/158	188/196	177/177	N/A

<i>M. analis</i> CW4c	223/229	158/160	156/178	184/196	177/177	216/220
<i>M. analis</i> CW4d	223/229	158/158	156/158	188/196	177/177	216/220
<i>M. analis</i> CW4e	223/223	158/158	156/178	188/196	177/177	216/220
<i>M. analis</i> CW4f	223/229	158/160	156/158	184/196	177/177	216/220
<i>M. analis</i> CW4g	223/223	158/158	156/158	184/196	177/177	216/222
<i>M. analis</i> CW4h	223/229	158/160	156/178	188/196	177/177	216/222
<i>M. analis</i> CW4i	223/223	158/158	156/158	188/196	177/177	216/220
<i>M. analis</i> CW4j	N/A	158/160	156/158	184/196	177/189	216/220
<i>M. analis</i> CW4k	223/229	158/160	156/158	188/196	177/177	216/222
<i>M. analis</i> CW4l	223/229	158/158	156/158	184/196	177/177	216/220
<i>M. analis</i> CW4m	223/223	158/160	156/158	188/196	177/177	216/222
<i>M. analis</i> CW4n	223/229	158/160	156/178	184/196	177/177	216/220
<i>M. analis</i> CW4o	223/223	158/160	156/158	184/196	177/177	216/220
<i>M. analis</i> CW4p	223/229	158/158	156/158	188/196	177/177	216/222
<i>M. analis</i> CW4q	223/223	158/158	156/178	188/196	177/177	216/220
<i>M. analis</i> CW4r	223/223	158/158	156/178	184/196	177/177	216/220
<i>M. analis</i> CW4s	223/229	158/160	156/158	188/196	177/189	216/220
<i>M. analis</i> CW4t	223/223	158/160	156/158	184/196	177/189	216/220
<i>M. analis</i> CW5a	223/223	158/158	158/180	188/192	177/189	220/220
<i>M. analis</i> CW5b	223/223	158/158	158/178	188/200	177/189	220/220
<i>M. analis</i> CW5c	223/223	158/158	158/178	188/200	177/189	220/220
<i>M. analis</i> CW5d	223/223	158/160	158/178	188/200	177/189	220/220
<i>M. analis</i> CW5e	223/223	158/160	158/178	188/192	177/189	220/220
<i>M. analis</i> CW5f	223/223	158/160	158/178	188/192	177/189	220/220
<i>M. analis</i> CW5g	223/223	158/158	158/178	188/192	177/189	220/220
<i>M. analis</i> CW5h	223/223	158/158	158/180	188/192	177/189	220/220
<i>M. analis</i> CW5i	223/223	158/158	158/180	188/192	177/189	220/220
<i>M. analis</i> CW5j	223/223	158/160	158/178	188/192	177/189	220/222
<i>M. analis</i> CW5k	223/223	158/158	158/180	188/200	177/189	220/222
<i>M. analis</i> CW5l	223/223	158/158	158/178	188/200	177/189	220/222
<i>M. analis</i> CW5m	223/223	158/158	158/178	188/200	177/189	220/220
<i>M. analis</i> CW5n	223/223	158/160	158/178	188/192	177/189	220/222
<i>M. analis</i> CW5o	223/223	158/158	158/178	188/200	177/189	220/222
<i>M. analis</i> CW5p	223/223	158/158	158/178	188/200	177/177	220/220
<i>M. analis</i> CW5q	223/223	158/160	158/178	188/200	177/177	220/222
<i>M. analis</i> CW5r	223/223	158/158	158/180	188/200	177/189	220/222
<i>M. analis</i> CW5s	223/223	158/158	158/180	188/200	177/189	220/220
<i>M. analis</i> CW5t	223/223	158/158	N/A	188/200	177/189	N/A
<i>M. analis</i> CW6a	223/233	154/168	156/176	188/194	177/177	222/232
<i>M. analis</i> CW6b	223/225	154/168	156/176	188/194	177/177	208/232
<i>M. analis</i> CW6c	223/225	154/168	156/176	182/188	177/177	222/232
<i>M. analis</i> CW6d	223/233	154/168	156/176	182/188	177/177	222/232
<i>M. analis</i> CW6e	223/225	154/168	156/176	182/188	177/177	222/232
<i>M. analis</i> CW6f	223/225	154/168	N/A	188/194	177/177	222/232
<i>M. analis</i> CW6g	223/225	154/168	156/176	188/194	177/177	208/232
<i>M. analis</i> CW6h	223/233	154/168	156/176	182/188	177/177	N/A
<i>M. analis</i> CW6i	223/225	154/160	156/176	182/188	177/177	208/232
<i>M. analis</i> CW6j	223/233	154/168	156/176	188/194	177/177	N/A
<i>M. analis</i> CW6k	223/233	154/168	176/176	182/188	177/177	N/A
<i>M. analis</i> CW6l	223/233	154/168	156/176	182/188	177/177	222/232
<i>M. analis</i> CW6m	223/233	154/168	156/176	182/188	177/177	208/232
<i>M. analis</i> CW6n	223/233	154/168	156/176	182/188	177/177	N/A
<i>M. analis</i> CW6o	223/233	154/168	176/176	182/188	177/177	N/A
<i>M. analis</i> CW6p	223/225	154/168	156/176	188/194	177/177	208/232
<i>M. analis</i> CW6q	223/233	154/168	156/176	188/194	177/177	N/A
<i>M. analis</i> CW6r	223/225	154/168	156/176	182/188	177/177	N/A
<i>M. analis</i> CW6s	223/233	154/168	176/176	188/194	177/177	N/A
<i>M. analis</i> CW6t	223/233	154/168	176/176	182/188	177/177	N/A
<i>M. analis</i> CW7a	225/225	156/158	176/180	188/190	177/177	220/226
<i>M. analis</i> CW7b	225/225	156/168	162/176	188/190	177/177	220/232
<i>M. analis</i> CW7c	225/225	156/158	178/180	188/190	177/177	220/232
<i>M. analis</i> CW7d	223/225	156/158	162/176	188/190	177/177	220/226
<i>M. analis</i> CW7e	223/225	156/158	176/180	188/190	177/177	220/232
<i>M. analis</i> CW7f	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CW7g	225/225	156/168	176/180	190/192	177/177	220/232
<i>M. analis</i> CW7h	225/225	156/158	N/A	188/190	177/177	N/A
<i>M. analis</i> CW7i	225/225	156/168	162/178	188/190	177/177	220/232
<i>M. analis</i> CW7j	225/225	156/168	176/180	188/190	177/177	220/226
<i>M. analis</i> CW7k	223/225	156/168	162/176	188/190	177/177	220/232
<i>M. analis</i> CW7l	225/225	156/158	162/176	188/190	177/177	220/232
<i>M. analis</i> CW7m	225/225	156/168	176/180	188/190	177/177	220/232
<i>M. analis</i> CW7n	225/225	156/168	178/180	188/190	177/177	220/226
<i>M. analis</i> CW7o	223/225	156/158	162/176	188/190	177/177	220/232
<i>M. analis</i> CW7p	225/225	156/158	162/176	188/190	177/177	220/226
<i>M. analis</i> CW7q	225/225	156/158	176/180	188/190	177/177	220/232
<i>M. analis</i> CW7r	223/225	156/168	162/176	188/190	177/177	220/226
<i>M. analis</i> CW7s	223/225	156/158	162/176	188/190	177/177	220/226
<i>M. analis</i> CW7t	225/225	156/168	176/180	188/190	177/177	220/226
<i>M. analis</i> CW8a	227/227	158/158	176/176	190/190	177/189	208/212
<i>M. analis</i> CW8b	227/227	154/158	162/176	190/190	177/189	208/218
<i>M. analis</i> CW8c	225/227	154/158	162/176	190/190	177/189	208/212
<i>M. analis</i> CW8d	227/227	154/158	162/176	190/190	177/189	208/218
<i>M. analis</i> CW8e	227/227	154/158	162/176	190/190	177/189	208/218
<i>M. analis</i> CW8f	227/227	154/158	162/176	188/190	177/189	208/218

<i>M. analis</i> CW8g	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CW8h	227/227	154/158	162/176	190/190	177/189	208/212
<i>M. analis</i> CW8i	225/227	158/158	176/180	188/190	177/189	208/212
<i>M. analis</i> CW8j	227/227	154/158	176/180	190/190	177/189	208/218
<i>M. analis</i> CW8k	227/227	158/158	176/176	190/190	177/189	208/212
<i>M. analis</i> CW8l	227/227	154/158	162/176	188/190	177/177	208/218
<i>M. analis</i> CW8m	227/227	154/158	162/176	188/190	177/189	208/218
<i>M. analis</i> CW8n	227/227	158/158	162/176	188/190	177/189	208/212
<i>M. analis</i> CW8o	227/227	154/158	N/A	188/190	177/189	208/212
<i>M. analis</i> CW8p	227/227	158/158	162/176	190/190	177/189	208/218
<i>M. analis</i> CW8q	N/A	N/A	176/180	N/A	177/189	208/218
<i>M. analis</i> CW8r	227/227	158/158	162/176	188/190	177/177	208/212
<i>M. analis</i> CW8s	227/227	164/166	N/A	188/190	177/177	208/212
<i>M. analis</i> CW8t	227/227	158/158	176/178	188/190	177/189	208/212
<i>M. analis</i> CW9a	223/229	152/158	176/182	188/190	177/177	222/222
<i>M. analis</i> CW9b	223/229	152/154	162/176	188/188	177/177	222/222
<i>M. analis</i> CW9c	223/229	152/158	162/176	188/190	177/177	222/222
<i>M. analis</i> CW9d	N/A	152/158	162/176	188/188	177/177	220/222
<i>M. analis</i> CW9e	223/229	152/158	176/182	188/188	177/177	220/222
<i>M. analis</i> CW9f	223/229	152/158	176/182	188/188	177/177	220/222
<i>M. analis</i> CW9g	N/A	152/158	162/176	188/190	177/177	220/222
<i>M. analis</i> CW9h	227/229	152/154	162/176	188/190	177/177	222/222
<i>M. analis</i> CW9i	227/229	152/154	176/182	188/190	177/177	222/222
<i>M. analis</i> CW9j	N/A	152/158	162/176	188/190	177/177	N/A
<i>M. analis</i> CW9k	223/229	152/154	162/176	188/188	177/177	222/222
<i>M. analis</i> CW9l	223/229	152/158	162/176	188/188	177/177	222/222
<i>M. analis</i> CW9m	223/229	152/154	N/A	188/188	177/177	N/A
<i>M. analis</i> CW9n	N/A	152/154	162/176	188/190	177/177	222/222
<i>M. analis</i> CW9o	227/229	152/158	176/182	188/190	177/177	220/222
<i>M. analis</i> CW9p	227/229	152/158	176/182	188/190	177/177	222/222
<i>M. analis</i> CW9q	227/229	152/154	162/176	188/190	177/177	N/A
<i>M. analis</i> CW9r	227/229	152/158	N/A	188/190	177/177	220/222
<i>M. analis</i> CW9s	223/229	152/158	N/A	188/190	177/177	N/A
<i>M. analis</i> CW9t	223/229	152/154	N/A	188/190	177/177	222/222
<i>M. analis</i> CW10a	225/229	152/158	162/176	190/190	177/177	222/222
<i>M. analis</i> CW10b	225/229	152/158	162/176	190/190	177/177	222/222
<i>M. analis</i> CW10c	N/A	152/158	162/176	N/A	177/177	222/222
<i>M. analis</i> CW10d	225/229	152/158	162/176	190/190	177/177	N/A
<i>M. analis</i> CW10e	223/225	152/158	162/176	190/190	177/177	222/222
<i>M. analis</i> CW10f	225/229	152/158	162/176	190/190	177/177	222/222
<i>M. analis</i> CW10g	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CW10h	223/225	152/158	162/176	190/190	177/177	222/222
<i>M. analis</i> CW10i	223/225	152/158	176/180	190/190	177/177	222/222
<i>M. analis</i> CW10j	225/229	152/158	162/176	190/190	177/177	222/222
<i>M. analis</i> CW10k	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CW10l	225/229	152/158	176/180	190/190	177/177	222/222
<i>M. analis</i> CW10m	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CW10n	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CW10o	225/229	152/158	162/176	190/190	177/177	222/222
<i>M. analis</i> CW10p	223/229	152/158	N/A	190/190	N/A	222/230
<i>M. analis</i> CW10q	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CW10r	N/A	152/158	N/A	190/190	177/177	222/230
<i>M. analis</i> CW10s	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CW10t	N/A	N/A	N/A	N/A	N/A	N/A
Samples from 2017						
<i>M. analis</i> SE17-1a	223/227	160/162	178/178	188/190	177/177	202/202
<i>M. analis</i> SE17-1b	225/227	162/166	162/178	180/188	177/177	202/202
<i>M. analis</i> SE17-1c	225/227	160/162	162/178	180/188	177/177	202/202
<i>M. analis</i> SE17-1d	225/227	160/162	162/178	188/190	177/177	202/202
<i>M. analis</i> SE17-1e	223/227	162/166	N/A	180/188	177/193	202/202
<i>M. analis</i> SE17-1f	225/227	162/166	162/178	180/188	177/177	202/202
<i>M. analis</i> SE17-1g	225/227	162/166	162/178	188/190	177/193	202/202
<i>M. analis</i> SE17-1h	223/227	160/162	162/178	N/A	177/193	N/A
<i>M. analis</i> SE17-1i	223/227	162/160	162/178	188/190	177/193	202/202
<i>M. analis</i> SE17-1j	225/227	160/162	162/178	180/188	177/193	202/202
<i>M. analis</i> SE17-3a	229/231	158/160	164/180	184/190	177/177	222/222
<i>M. analis</i> SE17-3b	229/231	156/158	164/178	184/190	177/177	222/222
<i>M. analis</i> SE17-3c	229/231	158/160	N/A	N/A	177/177	222/222
<i>M. analis</i> SE17-3d	229/231	158/160	162/178	182/188	177/177	222/222
<i>M. analis</i> SE17-3e	229/231	158/160	164/180	182/190	177/177	222/222
<i>M. analis</i> SE17-3f	229/231	158/160	N/A	184/188	177/177	222/222
<i>M. analis</i> SE17-3g	229/231	158/160	164/180	182/190	177/177	222/222
<i>M. analis</i> SE17-3h	N/A	N/A	164/180	N/A	N/A	N/A
<i>M. analis</i> SE17-3i	229/231	158/160	164/180	N/A	177/177	222/222
<i>M. analis</i> SE17-3j	229/231	158/158	162/178	184/188	177/177	222/222
<i>M. analis</i> SE17-4a	225/227	158/172	178/180	188/190	177/177	208/218
<i>M. analis</i> SE17-4b	223/227	158/172	178/190	188/188	177/177	208/224
<i>M. analis</i> SE17-4c	225/227	158/172	178/180	188/190	177/177	208/224
<i>M. analis</i> SE17-4d	223/227	158/172	178/180	188/190	177/177	208/224
<i>M. analis</i> SE17-4e	N/A	158/172	178/180	188/190	177/177	208/224
<i>M. analis</i> SE17-4f	225/227	158/172	178/180	N/A	N/A	208/224
<i>M. analis</i> SE17-4g	N/A	158/172	178/180	N/A	177/177	208/224
<i>M. analis</i> SE17-4h	223/227	158/172	178/180	188/190	177/177	208/218
<i>M. analis</i> SE17-4i	223/227	158/172	178/180	N/A	177/177	208/224

<i>M. analis</i> SE17-4j	N/A	158/172	178/180	N/A	177/177	208/224
<i>M. analis</i> SE17-5a	225/225	158/160	160/178	188/190	177/177	218/220
<i>M. analis</i> SE17-5b	223/225	158/160	156/178	188/190	177/177	220/220
<i>M. analis</i> SE17-5c	223/225	158/160	156/178	188/188	177/193	218/220
<i>M. analis</i> SE17-5d	223/225	158/160	156/178	188/188	177/193	218/220
<i>M. analis</i> SE17-5e	N/A	158/160	N/A	188/188	177/177	218/220
<i>M. analis</i> SE17-5f	223/225	158/160	160/178	188/188	177/193	220/220
<i>M. analis</i> SE17-5g	223/225	158/160	156/178	188/188	177/193	218/220
<i>M. analis</i> SE17-5h	225/225	158/160	N/A	188/188	177/177	220/220
<i>M. analis</i> SE17-5i	223/225	158/160	156/178	188/188	177/177	N/A
<i>M. analis</i> SE17-5j	225/225	158/160	N/A	188/190	177/177	218/220
<i>M. analis</i> SE17-6a	227/227	N/A	176/178	190/192	177/189	218/220
<i>M. analis</i> SE17-6b	227/227	150/162	176/178	190/192	189/189	218/220
<i>M. analis</i> SE17-6c	223/227	150/162	178/178	188/192	177/189	218/220
<i>M. analis</i> SE17-6d	223/227	150/162	178/178	190/192	177/189	218/220
<i>M. analis</i> SE17-6e	223/227	150/154	N/A	190/192	189/189	218/220
<i>M. analis</i> SE17-6f	223/227	150/154	N/A	190/192	189/189	218/220
<i>M. analis</i> SE17-6g	223/227	150/162	176/178	190/192	177/189	218/220
<i>M. analis</i> SE17-6h	227/227	N/A	178/178	190/192	177/189	218/220
<i>M. analis</i> SE17-6i	N/A	150/154	176/178	190/192	177/189	218/220
<i>M. analis</i> SE17-6j	227/227	N/A	N/A	N/A	189/189	N/A
<i>M. analis</i> SE17-7a	227/229	N/A	164/180	180/184	177/189	220/220
<i>M. analis</i> SE17-7b	227/229	154/156	164/180	180/184	177/177	220/220
<i>M. analis</i> SE17-7c	227/227	156/162	164/180	180/184	177/189	220/220
<i>M. analis</i> SE17-7d	227/227	156/162	178/180	182/184	177/189	220/220
<i>M. analis</i> SE17-7e	227/229	154/156	N/A	182/184	177/177	220/220
<i>M. analis</i> SE17-7f	227/229	154/156	164/180	N/A	177/189	220/220
<i>M. analis</i> SE17-7g	227/227	154/156	164/180	180/184	177/189	220/220
<i>M. analis</i> SE17-7h	227/229	154/156	164/180	184/190	177/189	220/220
<i>M. analis</i> SE17-7i	227/229	154/156	178/180	184/190	177/177	220/220
<i>M. analis</i> SE17-7j	227/229	154/156	178/180	180/184	177/189	N/A
<i>M. analis</i> SE17-8a	223/227	158/172	178/180	188/188	177/177	208/224
<i>M. analis</i> SE17-8b	225/227	158/172	178/180	188/190	177/177	208/224
<i>M. analis</i> SE17-8c	225/227	158/172	N/A	188/188	177/177	208/218
<i>M. analis</i> SE17-8d	225/227	158/172	178/180	188/188	177/177	208/224
<i>M. analis</i> SE17-8e	223/227	158/172	N/A	188/190	177/177	208/224
<i>M. analis</i> SE17-8f	223/227	158/172	178/180	188/190	177/177	208/224
<i>M. analis</i> SE17-8g	223/227	158/172	178/180	188/190	177/177	208/224
<i>M. analis</i> SE17-8h	N/A	158/172	178/180	N/A	N/A	N/A
<i>M. analis</i> SE17-8i	N/A	N/A	N/A	188/188	177/177	208/218
<i>M. analis</i> SE17-8j	223/227	158/172	178/180	N/A	177/177	208/218
<i>M. analis</i> SE17-9a	N/A	154/158	156/164	190/196	177/193	220/222
<i>M. analis</i> SE17-9b	223/229	154/158	156/162	190/196	177/177	220/222
<i>M. analis</i> SE17-9c	223/225	152/158	156/178	190/196	177/193	220/222
<i>M. analis</i> SE17-9d	223/229	154/158	156/178	190/196	177/193	220/222
<i>M. analis</i> SE17-9e	223/229	152/158	156/164	190/196	177/193	220/222
<i>M. analis</i> SE17-9f	N/A	154/158	N/A	190/196	177/177	220/222
<i>M. analis</i> SE17-9g	N/A	152/158	156/164	190/196	177/177	220/222
<i>M. analis</i> SE17-9h	223/229	152/158	156/178	190/196	177/193	220/222
<i>M. analis</i> SE17-9i	N/A	154/158	N/A	190/196	N/A	220/222
<i>M. analis</i> SE17-9j	223/229	152/158	156/164	N/A	177/177	220/222
<i>M. analis</i> SW17-1a	227/227	152/166	180/182	182/190	177/189	220/222
<i>M. analis</i> SW17-1b	227/227	152/158	180/182	190/194	177/189	208/220
<i>M. analis</i> SW17-1c	227/227	152/166	180/182	182/190	177/189	220/222
<i>M. analis</i> SW17-1d	223/227	152/158	180/182	190/194	177/189	N/A
<i>M. analis</i> SW17-1e	223/227	152/158	180/182	190/194	177/189	208/220
<i>M. analis</i> SW17-1f	227/227	152/166	178/180	190/194	N/A	208/220
<i>M. analis</i> SW17-1g	223/227	152/158	178/180	182/190	177/189	208/220
<i>M. analis</i> SW17-1h	N/A	152/166	180/182	182/190	177/189	N/A
<i>M. analis</i> SW17-1i	N/A	152/158	178/180	190/194	177/189	220/222
<i>M. analis</i> SW17-1j	227/227	N/A	180/182	182/190	177/189	220/220
<i>M. analis</i> SW17-2a	223/225	162/174	156/180	188/188	177/189	220/222
<i>M. analis</i> SW17-2b	225/229	162/174	156/178	188/192	177/189	220/226
<i>M. analis</i> SW17-2c	223/225	162/174	156/178	188/192	177/189	220/226
<i>M. analis</i> SW17-2d	225/229	162/174	156/180	188/188	177/189	220/222
<i>M. analis</i> SW17-2e	223/225	152/162	156/180	188/188	177/189	220/226
<i>M. analis</i> SW17-2f	223/225	162/174	156/180	188/188	177/189	220/226
<i>M. analis</i> SW17-2g	225/229	152/162	156/180	190/194	177/189	220/226
<i>M. analis</i> SW17-2h	225/229	162/174	N/A	188/188	177/189	220/226
<i>M. analis</i> SW17-2i	N/A	162/174	156/178	188/192	177/189	220/222
<i>M. analis</i> SW17-2j	225/229	162/174	156/178	188/192	177/189	220/222
<i>M. analis</i> SW17-4a	223/229	158/172	156/176	188/192	177/177	220/222
<i>M. analis</i> SW17-4b	223/229	158/172	156/180	192/192	177/177	220/222
<i>M. analis</i> SW17-4c	223/227	158/172	156/176	188/192	177/177	220/222
<i>M. analis</i> SW17-4d	223/229	152/158	156/180	188/192	177/177	220/222
<i>M. analis</i> SW17-4e	223/227	158/172	156/176	192/192	177/177	220/222
<i>M. analis</i> SW17-4f	223/229	152/158	N/A	188/192	177/177	220/222
<i>M. analis</i> SW17-4g	223/229	158/172	156/176	188/192	177/177	220/222
<i>M. analis</i> SW17-4h	227/229	152/158	176/180	192/192	N/A	220/220
<i>M. analis</i> SW17-4i	223/229	158/172	156/180	192/192	177/177	N/A
<i>M. analis</i> SW17-4j	223/229	158/172	156/176	188/192	177/177	220/222
<i>M. analis</i> SW17-5a	227/227	N/A	180/180	192/196	177/177	220/222
<i>M. analis</i> SW17-5b	227/227	156/158	180/180	188/196	177/177	220/230
<i>M. analis</i> SW17-5c	N/A	156/158	178/180	192/196	177/189	220/230

<i>M. analis</i> SW17-5d	227/229	156/158	178/180	188/196	177/177	220/222
<i>M. analis</i> SW17-5e	N/A	156/158	178/180	192/196	177/177	220/230
<i>M. analis</i> SW17-5f	227/229	156/158	180/180	N/A	177/177	220/230
<i>M. analis</i> SW17-5g	227/227	156/158	178/180	N/A	177/177	220/222
<i>M. analis</i> SW17-5h	N/A	156/158	N/A	188/196	N/A	N/A
<i>M. analis</i> SW17-5i	227/229	156/158	178/180	N/A	177/177	N/A
<i>M. analis</i> SW17-5j	227/229	156/158	178/180	N/A	177/189	220/222
<i>M. analis</i> SW17-6a	225/233	152/156	N/A	N/A	177/177	220/230
<i>M. analis</i> SW17-6b	225/233	156/160	158/174	190/196	177/177	220/220
<i>M. analis</i> SW17-6c	N/A	152/156	158/172	190/196	N/A	220/220
<i>M. analis</i> SW17-6d	225/233	156/160	156/158	188/196	177/177	220/220
<i>M. analis</i> SW17-6e	225/229	N/A	156/158	188/196	177/177	220/220
<i>M. analis</i> SW17-6f	223/229	160/178	172/180	186/188	177/177	220/220
<i>M. analis</i> SW17-6g	N/A	N/A	156/158	N/A	177/177	N/A
<i>M. analis</i> SW17-6h	225/229	152/156	156/158	190/196	177/177	220/220
<i>M. analis</i> SW17-6i	225/233	156/160	N/A	190/196	177/177	220/220
<i>M. analis</i> SW17-6j	225/229	156/160	156/158	190/196	177/177	220/220
<i>M. analis</i> SW17-7a	223/223	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SW17-7b	223/229	156/166	178/182	188/190	177/177	N/A
<i>M. analis</i> SW17-7c	223/223	156/166	178/182	188/190	164/177	218/220
<i>M. analis</i> SW17-7d	223/229	156/166	156/182	184/190	177/189	218/220
<i>M. analis</i> SW17-7e	223/223	156/166	178/182	184/190	177/189	218/220
<i>M. analis</i> SW17-7f	223/229	156/166	156/182	N/A	177/177	218/220
<i>M. analis</i> SW17-7g	223/223	156/158	156/182	188/190	177/177	N/A
<i>M. analis</i> SW17-7h	223/223	N/A	178/182	188/190	177/189	N/A
<i>M. analis</i> SW17-7i	223/223	156/158	156/182	N/A	164/177	218/220
<i>M. analis</i> SW17-7j	223/223	156/158	178/182	184/190	177/177	N/A
<i>M. analis</i> SW17-8a	227/227	158/160	164/178	188/192	177/189	220/220
<i>M. analis</i> SW17-8b	225/229	156/160	164/176	N/A	177/177	220/220
<i>M. analis</i> SW17-8c	227/227	158/160	176/178	188/192	177/177	220/220
<i>M. analis</i> SW17-8d	227/227	154/158	164/178	182/188	177/177	220/220
<i>M. analis</i> SW17-8e	227/227	158/160	164/178	182/188	177/189	220/220
<i>M. analis</i> SW17-8f	227/227	154/158	164/178	N/A	177/177	220/220
<i>M. analis</i> SW17-8g	227/227	158/160	164/178	188/192	N/A	220/220
<i>M. analis</i> SW17-8h	227/227	154/158	164/178	N/A	177/177	218/220
<i>M. analis</i> SW17-8i	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SW17-8j	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> SW17-9a	225/227	158/158	178/178	N/A	177/189	220/228
<i>M. analis</i> SW17-9b	225/227	158/160	178/178	N/A	177/189	220/222
<i>M. analis</i> SW17-9c	225/225	158/160	178/178	N/A	177/177	220/222
<i>M. analis</i> SW17-9d	225/227	158/158	176/178	N/A	177/189	212/220
<i>M. analis</i> SW17-9e	225/227	158/160	176/178	N/A	177/177	220/222
<i>M. analis</i> SW17-9f	225/225	158/158	178/178	192/194	177/189	220/222
<i>M. analis</i> SW17-9g	223/225	158/158	N/A	188/192	N/A	N/A
<i>M. analis</i> SW17-9h	225/225	158/160	176/176	188/192	177/189	212/220
<i>M. analis</i> SW17-9i	225/227	158/158	178/178	192/196	177/189	220/222
<i>M. analis</i> SW17-9j	225/225	158/158	176/178	188/192	177/177	N/A
<i>M. analis</i> SW17-10a	227/229	158/158	178/180	N/A	177/189	218/220
<i>M. analis</i> SW17-10b	225/227	158/158	178/180	N/A	177/189	218/220
<i>M. analis</i> SW17-10c	225/227	158/158	176/180	182/188	189/189	220/220
<i>M. analis</i> SW17-10d	227/229	158/158	N/A	182/188	177/189	218/220
<i>M. analis</i> SW17-10e	227/229	158/158	178/180	182/188	177/189	220/220
<i>M. analis</i> SW17-10f	225/227	158/158	178/180	188/196	177/189	218/220
<i>M. analis</i> SW17-10g	227/229	158/158	178/180	182/188	177/189	220/220
<i>M. analis</i> SW17-10h	225/227	158/158	178/180	182/188	177/189	220/220
<i>M. analis</i> SW17-10i	227/229	158/158	178/180	188/196	177/189	218/220
<i>M. analis</i> SW17-10j	227/229	158/158	178/180	188/196	177/189	218/220
<i>M. analis</i> SW17-11a	227/227	154/158	N/A	180/182	177/193	218/220
<i>M. analis</i> SW17-11b	225/227	154/174	178/180	180/182	189/193	220/220
<i>M. analis</i> SW17-11c	227/227	154/174	178/180	180/182	177/193	218/220
<i>M. analis</i> SW17-11d	227/229	154/174	178/180	182/188	189/193	220/220
<i>M. analis</i> SW17-11e	227/227	154/174	178/180	182/188	N/A	N/A
<i>M. analis</i> SW17-11f	227/229	154/158	178/180	182/188	189/193	220/220
<i>M. analis</i> SW17-11g	227/229	154/174	178/180	180/182	177/193	218/220
<i>M. analis</i> SW17-11h	227/229	154/174	178/180	182/188	N/A	N/A
<i>M. analis</i> SW17-11i	227/227	154/158	178/180	182/188	183/189	218/220
<i>M. analis</i> SW17-11j	227/229	154/174	N/A	N/A	N/A	218/220
<i>M. analis</i> CE17-1a	227/229	156/158	158/178	188/194	177/177	220/222
<i>M. analis</i> CE17-1b	223/227	156/158	158/180	188/188	177/177	220/222
<i>M. analis</i> CE17-1c	227/229	158/158	158/178	188/194	177/189	220/220
<i>M. analis</i> CE17-1d	223/227	156/158	158/180	188/188	177/189	220/220
<i>M. analis</i> CE17-1e	227/229	156/158	158/178	N/A	177/177	220/222
<i>M. analis</i> CE17-1f	227/229	156/158	158/178	188/194	177/189	220/222
<i>M. analis</i> CE17-1g	227/229	156/158	156/176	N/A	177/189	220/220
<i>M. analis</i> CE17-1h	227/229	156/158	158/180	N/A	177/189	220/222
<i>M. analis</i> CE17-1i	223/227	156/158	158/178	188/194	177/177	220/222
<i>M. analis</i> CE17-1j	223/227	158/158	158/178	N/A	177/189	220/222
<i>M. analis</i> CE17-2a	227/229	154/158	180/180	182/186	177/189	214/222
<i>M. analis</i> CE17-2b	225/227	150/158	180/180	182/194	189/189	222/222
<i>M. analis</i> CE17-2c	227/229	150/158	180/180	N/A	177/189	222/222
<i>M. analis</i> CE17-2d	227/229	154/158	180/180	N/A	177/189	222/222
<i>M. analis</i> CE17-2e	227/229	154/158	180/180	N/A	177/189	214/222
<i>M. analis</i> CE17-2f	227/229	150/158	180/180	182/186	177/189	214/222
<i>M. analis</i> CE17-2g	225/227	154/158	N/A	N/A	177/189	214/222

<i>M. analis</i> CE17-2h	227/229	150/158	180/180	N/A	189/189	222/222
<i>M. analis</i> CE17-2i	227/229	154/158	158/178	N/A	189/189	N/A
<i>M. analis</i> CE17-2j	227/229	N/A	158/178	N/A	189/189	222/222
<i>M. analis</i> CE17-3a	225/229	152/152	176/182	188/194	177/189	220/220
<i>M. analis</i> CE17-3b	N/A	N/A	176/180	N/A	189/189	220/220
<i>M. analis</i> CE17-3c	225/229	150/152	176/180	188/194	189/189	220/226
<i>M. analis</i> CE17-3d	223/229	152/160	176/180	188/190	177/189	220/226
<i>M. analis</i> CE17-3e	223/229	150/152	176/182	N/A	177/189	220/226
<i>M. analis</i> CE17-3f	225/229	150/152	176/180	188/194	177/189	220/220
<i>M. analis</i> CE17-3g	223/229	150/152	176/182	188/190	177/189	220/220
<i>M. analis</i> CE17-3h	225/227	150/152	176/182	188/194	189/189	222/222
<i>M. analis</i> CE17-3i	223/229	150/152	176/180	188/194	177/189	220/226
<i>M. analis</i> CE17-3j	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CE17-4a	229/233	154/158	166/176	190/190	177/189	214/226
<i>M. analis</i> CE17-4b	229/233	156/158	166/176	182/190	177/177	220/226
<i>M. analis</i> CE17-4c	229/229	156/158	156/176	190/190	177/177	214/226
<i>M. analis</i> CE17-4d	229/229	154/158	166/176	182/190	177/177	214/226
<i>M. analis</i> CE17-4e	219/229	156/158	156/176	190/190	177/177	220/226
<i>M. analis</i> CE17-4f	229/233	154/158	156/176	182/190	177/177	214/226
<i>M. analis</i> CE17-4g	229/233	154/158	166/176	182/190	177/189	214/226
<i>M. analis</i> CE17-4h	229/229	154/158	156/176	190/190	177/177	214/226
<i>M. analis</i> CE17-4i	229/233	156/158	166/176	182/190	177/177	214/226
<i>M. analis</i> CE17-4j	229/229	156/158	156/176	182/190	177/177	214/226
<i>M. analis</i> CE17-5a	219/229	152/172	156/178	188/192	177/177	216/222
<i>M. analis</i> CE17-5b	219/223	152/172	156/178	190/192	177/177	216/222
<i>M. analis</i> CE17-5c	219/223	158/172	156/178	190/192	177/177	216/222
<i>M. analis</i> CE17-5d	219/229	158/172	156/178	190/192	177/177	216/222
<i>M. analis</i> CE17-5e	219/223	158/172	156/176	192/192	177/177	216/222
<i>M. analis</i> CE17-5f	219/229	152/172	156/176	190/192	177/177	216/222
<i>M. analis</i> CE17-5g	219/229	152/172	156/178	192/192	177/177	216/222
<i>M. analis</i> CE17-5h	219/223	N/A	156/178	188/192	177/177	216/222
<i>M. analis</i> CE17-5i	219/229	152/172	156/176	188/192	177/177	216/222
<i>M. analis</i> CE17-5j	219/223	158/172	156/178	188/192	177/177	216/222
<i>M. analis</i> CE17-6a	223/223	158/164	166/176	182/194	177/177	216/226
<i>M. analis</i> CE17-6b	223/223	152/158	156/176	194/196	177/189	226/226
<i>M. analis</i> CE17-6c	223/223	158/164	166/176	182/194	177/177	216/226
<i>M. analis</i> CE17-6d	223/223	158/164	156/176	182/194	177/189	216/226
<i>M. analis</i> CE17-6e	223/223	158/164	166/176	182/192	177/189	216/226
<i>M. analis</i> CE17-6f	223/223	158/164	156/176	182/192	177/189	216/226
<i>M. analis</i> CE17-6g	223/223	152/158	156/176	182/192	177/177	216/226
<i>M. analis</i> CE17-6h	223/223	152/158	156/176	182/192	177/177	216/226
<i>M. analis</i> CE17-6i	223/223	152/158	156/176	182/192	177/189	216/226
<i>M. analis</i> CE17-6j	223/223	N/A	166/176	182/194	177/177	216/226
<i>M. analis</i> CE17-7a	223/229	158/172	156/176	188/194	177/189	216/220
<i>M. analis</i> CE17-7b	223/225	158/172	156/176	188/194	177/177	216/226
<i>M. analis</i> CE17-7c	223/225	152/172	156/176	188/194	177/189	216/226
<i>M. analis</i> CE17-7d	223/229	152/172	156/178	188/194	177/177	216/220
<i>M. analis</i> CE17-7e	223/225	158/172	156/178	188/194	177/189	216/220
<i>M. analis</i> CE17-7f	223/225	158/172	156/178	188/194	177/189	216/226
<i>M. analis</i> CE17-7g	223/225	158/172	156/176	188/194	177/189	216/226
<i>M. analis</i> CE17-7h	223/229	152/172	N/A	188/194	N/A	N/A
<i>M. analis</i> CE17-7i	223/229	152/172	N/A	188/194	N/A	N/A
<i>M. analis</i> CE17-7j	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CE17-8a	227/229	N/A	156/180	N/A	177/177	220/222
<i>M. analis</i> CE17-8b	223/229	152/159	176/180	N/A	177/189	212/222
<i>M. analis</i> CE17-8c	223/227	152/158	156/180	186/188	177/189	212/222
<i>M. analis</i> CE17-8d	223/227	152/154	156/180	186/188	177/177	220/222
<i>M. analis</i> CE17-8e	223/229	152/158	176/180	186/186	177/189	220/222
<i>M. analis</i> CE17-8f	223/227	N/A	156/180	186/186	177/189	212/222
<i>M. analis</i> CE17-8g	223/229	152/158	176/180	186/186	177/177	220/222
<i>M. analis</i> CE17-8h	223/227	152/158	176/180	186/186	177/189	220/222
<i>M. analis</i> CE17-8i	223/229	152/158	156/180	186/188	177/189	220/222
<i>M. analis</i> CE17-8j	N/A	N/A	156/180	N/A	177/189	220/222
<i>M. analis</i> CE17-9a	223/227	152/152	176/184	182/196	177/177	218/220
<i>M. analis</i> CE17-9b	219/223	152/152	176/178	N/A	177/177	218/220
<i>M. analis</i> CE17-9c	N/A	152/158	178/182	N/A	177/189	216/218
<i>M. analis</i> CE17-9d	223/227	152/152	176/184	182/196	177/189	218/220
<i>M. analis</i> CE17-9e	223/227	152/152	176/184	188/196	177/189	218/220
<i>M. analis</i> CE17-9f	N/A	N/A	176/178	N/A	177/177	218/220
<i>M. analis</i> CE17-9g	219/223	152/152	178/184	182/188	177/189	218/220
<i>M. analis</i> CE17-9h	219/227	152/152	176/184	182/196	177/189	218/220
<i>M. analis</i> CE17-9i	219/223	152/152	176/178	188/190	177/189	216/218
<i>M. analis</i> CE17-9j	223/227	152/152	178/184	188/196	177/177	218/220
<i>M. analis</i> CE17-10a	223/227	158/158	176/180	192/196	177/189	220/222
<i>M. analis</i> CE17-10b	223/227	158/158	N/A	194/196	177/189	220/222
<i>M. analis</i> CE17-10c	223/227	154/158	156/178	192/196	177/189	220/222
<i>M. analis</i> CE17-10d	223/227	154/158	156/178	192/196	177/189	222/226
<i>M. analis</i> CE17-10e	227/229	158/158	156/186	194/196	177/189	220/222
<i>M. analis</i> CE17-10f	227/229	154/158	156/178	194/196	177/189	220/222
<i>M. analis</i> CE17-10g	227/229	158/158	156/186	192/196	177/189	220/222
<i>M. analis</i> CE17-10h	227/229	N/A	156/186	192/196	177/189	220/222
<i>M. analis</i> CE17-10i	223/227	158/158	156/178	192/196	177/189	220/222
<i>M. analis</i> CE17-10j	227/229	154/158	156/178	194/196	177/189	220/222
<i>M. analis</i> CW17-1a	223/229	152/158	156/176	180/188	189/189	220/226

<i>M. analis</i> CW17-1b	223/229	152/158	156/176	180/188	189/189	226/230
<i>M. analis</i> CW17-1c	223/229	152/152	176/180	180/188	177/189	226/230
<i>M. analis</i> CW17-1d	223/229	152/152	176/180	180/188	189/189	220/226
<i>M. analis</i> CW17-1e	223/229	152/158	176/180	180/188	189/189	226/230
<i>M. analis</i> CW17-1f	223/223	152/152	176/180	188/190	177/189	226/230
<i>M. analis</i> CW17-1g	223/229	152/158	176/180	188/190	177/189	220/226
<i>M. analis</i> CW17-1h	223/229	152/152	156/176	180/188	189/189	220/226
<i>M. analis</i> CW17-1i	223/229	152/158	156/176	180/188	189/189	226/230
<i>M. analis</i> CW17-1j	223/229	152/152	N/A	188/190	177/189	226/230
<i>M. analis</i> CW17-2a	223/223	156/156	178/182	184/204	177/193	214/222
<i>M. analis</i> CW17-2b	223/229	156/156	178/182	184/204	177/193	214/222
<i>M. analis</i> CW17-2c	223/223	156/156	178/182	194/204	177/193	214/222
<i>M. analis</i> CW17-2d	223/223	156/156	178/182	194/204	177/193	214/222
<i>M. analis</i> CW17-2e	223/229	N/A	178/182	194/204	177/193	214/222
<i>M. analis</i> CW17-2f	N/A	N/A	N/A	N/A	177/193	214/222
<i>M. analis</i> CW17-2g	223/223	154/156	178/182	194/204	N/A	N/A
<i>M. analis</i> CW17-2h	N/A	156/156	N/A	194/204	177/193	214/222
<i>M. analis</i> CW17-2i	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CW17-2j	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CW17-3a	223/227	152/158	178/180	194/198	189/189	220/222
<i>M. analis</i> CW17-3b	223/227	158/172	176/180	194/196	189/189	220/222
<i>M. analis</i> CW17-3c	223/229	152/158	178/180	194/196	177/189	220/222
<i>M. analis</i> CW17-3d	223/227	152/158	178/180	194/196	177/189	220/222
<i>M. analis</i> CW17-3e	223/229	158/172	176/180	194/198	177/189	220/222
<i>M. analis</i> CW17-3f	223/229	152/158	176/180	194/198	189/189	220/222
<i>M. analis</i> CW17-3g	N/A	N/A	178/180	N/A	189/189	220/222
<i>M. analis</i> CW17-3h	N/A	N/A	176/180	N/A	177/189	220/222
<i>M. analis</i> CW17-3i	223/227	158/172	178/180	194/198	177/189	220/222
<i>M. analis</i> CW17-3j	N/A	N/A	176/180	N/A	189/189	220/222
<i>M. analis</i> CW17-4a	223/229	154/158	174/180	190/194	177/189	224/230
<i>M. analis</i> CW17-4b	223/229	156/158	174/180	188/190	177/189	224/230
<i>M. analis</i> CW17-4c	229/229	154/158	180/182	188/190	177/189	224/230
<i>M. analis</i> CW17-4d	229/229	156/158	174/180	188/190	189/189	224/230
<i>M. analis</i> CW17-4e	223/229	156/158	174/180	190/194	189/189	224/230
<i>M. analis</i> CW17-4f	223/229	156/158	174/180	188/190	177/189	224/230
<i>M. analis</i> CW17-4g	223/229	154/158	180/182	188/190	177/189	218/224
<i>M. analis</i> CW17-4h	223/229	156/158	180/182	188/190	189/189	218/224
<i>M. analis</i> CW17-4i	229/229	156/158	180/182	188/190	177/189	218/224
<i>M. analis</i> CW17-4j	223/229	154/158	180/182	190/194	177/189	218/224
<i>M. analis</i> CW17-5a	227/229	156/160	156/176	186/194	177/177	222/230
<i>M. analis</i> CW17-5b	227/229	156/160	156/176	186/194	177/177	222/230
<i>M. analis</i> CW17-5c	227/229	156/160	156/176	186/194	177/177	222/230
<i>M. analis</i> CW17-5d	229/229	156/160	156/176	186/194	177/177	226/230
<i>M. analis</i> CW17-5e	227/229	156/160	156/176	188/194	177/177	226/230
<i>M. analis</i> CW17-5f	229/229	158/160	156/176	188/194	177/177	222/230
<i>M. analis</i> CW17-5g	227/229	156/160	156/176	186/194	177/177	222/230
<i>M. analis</i> CW17-5h	227/229	158/160	156/176	188/194	177/177	222/230
<i>M. analis</i> CW17-5i	227/229	156/160	156/176	186/194	177/177	222/230
<i>M. analis</i> CW17-5j	227/229	158/160	156/176	186/194	177/177	226/230
<i>M. analis</i> CW17-6a	229/229	158/158	156/160	190/198	177/189	218/220
<i>M. analis</i> CW17-6b	229/229	152/152	156/160	182/190	177/189	220/220
<i>M. analis</i> CW17-6c	229/229	152/162	156/160	182/190	177/189	220/220
<i>M. analis</i> CW17-6d	229/229	152/152	160/176	190/190	177/177	220/220
<i>M. analis</i> CW17-6e	229/229	152/162	160/176	190/190	177/177	220/220
<i>M. analis</i> CW17-6f	229/229	152/162	160/176	190/190	177/189	220/220
<i>M. analis</i> CW17-6g	229/229	152/152	160/176	182/190	177/189	220/220
<i>M. analis</i> CW17-6h	229/229	152/152	156/160	182/190	177/189	220/220
<i>M. analis</i> CW17-6i	229/229	152/162	160/176	182/190	177/189	220/220
<i>M. analis</i> CW17-6j	229/229	152/162	160/176	182/190	177/189	220/220
<i>M. analis</i> CW17-7a	227/229	158/166	178/180	190/204	177/189	208/220
<i>M. analis</i> CW17-7b	227/227	158/166	N/A	190/204	177/189	208/220
<i>M. analis</i> CW17-7c	227/229	158/166	162/180	190/204	177/189	208/220
<i>M. analis</i> CW17-7d	227/229	158/158	162/180	190/204	177/189	208/220
<i>M. analis</i> CW17-7e	227/229	152/158	178/180	190/204	177/177	216/220
<i>M. analis</i> CW17-7f	227/229	158/158	162/180	N/A	177/189	208/220
<i>M. analis</i> CW17-7g	227/227	158/158	162/180	190/204	177/189	208/220
<i>M. analis</i> CW17-7h	227/229	158/158	162/180	190/204	177/177	216/220
<i>M. analis</i> CW17-7i	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CW17-7j	N/A	N/A	N/A	N/A	N/A	N/A
<i>M. analis</i> CW17-8a	223/229	150/152	156/156	180/188	189/189	220/222
<i>M. analis</i> CW17-8b	223/229	152/152	156/176	180/188	177/189	220/222
<i>M. analis</i> CW17-8c	223/229	152/152	156/176	180/188	177/189	220/222
<i>M. analis</i> CW17-8d	223/229	152/152	156/176	180/188	189/189	220/222
<i>M. analis</i> CW17-8e	223/229	152/152	156/176	180/188	177/189	220/222
<i>M. analis</i> CW17-8f	N/A	150/152	156/156	180/188	189/189	220/222
<i>M. analis</i> CW17-8g	223/229	150/152	156/156	180/188	189/189	220/222
<i>M. analis</i> CW17-8h	223/229	150/152	156/156	180/188	189/189	220/222
<i>M. analis</i> CW17-8i	223/229	150/152	N/A	180/188	177/189	220/222
<i>M. analis</i> CW17-8j	223/229	150/152	156/156	180/188	177/189	220/222
<i>M. analis</i> CW17-9a	227/229	N/A	156/180	182/194	177/189	220/220
<i>M. analis</i> CW17-9b	227/229	154/162	156/180	182/194	177/189	220/222
<i>M. analis</i> CW17-9c	227/229	158/162	180/180	182/194	177/177	220/222
<i>M. analis</i> CW17-9d	227/229	158/162	180/180	182/192	177/189	220/220
<i>M. analis</i> CW17-9e	227/229	154/162	180/180	182/192	177/189	220/222

<i>M. analis</i> CW17-9f	N/A	158/162	180/180	182/194	177/177	220/222
<i>M. analis</i> CW17-9g	227/229	154/162	180/180	182/192	177/189	220/222
<i>M. analis</i> CW17-9h	227/229	N/A	180/180	N/A	177/177	220/220
<i>M. analis</i> CW17-9i	227/229	N/A	180/180	N/A	177/189	N/A
<i>M. analis</i> CW17-9j	227/229	158/162	180/180	188/192	177/177	N/A
<i>M. analis</i> CW17-10a	227/229	154/156	176/178	188/194	193/193	218/220
<i>M. analis</i> CW17-10b	227/227	154/156	176/178	188/194	193/193	218/220
<i>M. analis</i> CW17-10c	227/229	152/156	176/178	188/194	177/193	220/222
<i>M. analis</i> CW17-10d	227/227	154/156	176/178	188/194	177/193	220/222
<i>M. analis</i> CW17-10e	227/229	152/156	N/A	186/188	177/193	N/A
<i>M. analis</i> CW17-10f	227/227	154/156	N/A	188/194	N/A	218/220
<i>M. analis</i> CW17-10g	227/229	154/156	N/A	186/188	177/193	N/A
<i>M. analis</i> CW17-10h	227/227	152/156	N/A	188/194	177/193	218/220
<i>M. analis</i> CW17-10i	227/227	154/156	N/A	186/188	177/193	222/222
<i>M. analis</i> CW17-10j	227/227	154/156	N/A	186/188	193/193	N/A

Table S7 Microsatellite genotypes of *P. tarsatus* individuals (a-t) of all sampled colonies at 3 different loci (Pt1, Pt10, Pt42). Genotypes marked with N/A (not available) did not show unambiguous peaks. Colony tags are divided by the two collection areas Camp € and Station (S) with the respective geographical orientation of the river sides, East (E) and West (W).

<i>Paltothyreus tarsatus</i> microsatellites 2019 Colonies 1-32			
Sample Name	Primer Pt1	Primer Pt10	Primer Pt42
<i>P. tarsatus</i> SW2a	168/170	210/214	250/258
<i>P. tarsatus</i> b	168/170	208/214	N/A
<i>P. tarsatus</i> c	N/A	210/214	250/258
<i>P. tarsatus</i> d	N/A	208/214	N/A
<i>P. tarsatus</i> e	166/168	210/214	N/A
<i>P. tarsatus</i> f	N/A	210/214	N/A
<i>P. tarsatus</i> g	168/170	210/214	250/258
<i>P. tarsatus</i> h	170/170	210/214	250/258
<i>P. tarsatus</i> i	170/170	208/214	248/258
<i>P. tarsatus</i> j	170/170	208/214	250/258
<i>P. tarsatus</i> k	170/170	N/A	250/258
<i>P. tarsatus</i> l	168/170	N/A	250/258
<i>P. tarsatus</i> m	170/170	210/214	248/258
<i>P. tarsatus</i> n	170/170	N/A	248/258
<i>P. tarsatus</i> o	168/170	210/214	248/258
<i>P. tarsatus</i> p	170/170	N/A	248/258
<i>P. tarsatus</i> q	170/170	210/214	250/258
<i>P. tarsatus</i> r	170/170	210/214	250/258
<i>P. tarsatus</i> s	170/170	N/A	N/A
<i>P. tarsatus</i> t	170/170	208/214	248/258
<i>P. tarsatus</i> SW3a	N/A	N/A	N/A
<i>P. tarsatus</i> b	184/186	200/204	246/250
<i>P. tarsatus</i> c	170/186	200/214	246/246
<i>P. tarsatus</i> d	170/186	200/214	246/250
<i>P. tarsatus</i> e	N/A	200/204	246/246
<i>P. tarsatus</i> f	N/A	N/A	N/A
<i>P. tarsatus</i> g	172/186	200/204	246/246
<i>P. tarsatus</i> h	N/A	N/A	N/A
<i>P. tarsatus</i> i	170/186	N/A	246/246
<i>P. tarsatus</i> j	172/186	200/214	246/250
<i>P. tarsatus</i> k	170/186	200/204	246/250
<i>P. tarsatus</i> l	N/A	N/A	N/A
<i>P. tarsatus</i> m		200/204	246/246
<i>P. tarsatus</i> n	170/186	200/204	246/250
<i>P. tarsatus</i> o	N/A	N/A	N/A
<i>P. tarsatus</i> p	N/A	N/A	246/250
<i>P. tarsatus</i> q	172/186	200/214	246/250
<i>P. tarsatus</i> r	170/186	N/A	246/250
<i>P. tarsatus</i> s	N/A	200/214	N/A
<i>P. tarsatus</i> t	N/A	200/214	N/A
<i>P. tarsatus</i> SW4a	186/186	206/216	248/250
<i>P. tarsatus</i> b	186/186	206/216	N/A
<i>P. tarsatus</i> c	186/186	206/216	246/250
<i>P. tarsatus</i> d	N/A	206/216	N/A
<i>P. tarsatus</i> e	186/186	186/206	246/250
<i>P. tarsatus</i> f	186/186	N/A	N/A
<i>P. tarsatus</i> g	186/186	186/206	246/250
<i>P. tarsatus</i> h	186/186	206/216	N/A
<i>P. tarsatus</i> i	186/186	206/216	248/250
<i>P. tarsatus</i> j	N/A	206/216	250/256
<i>P. tarsatus</i> k	N/A	206/216	250/256
<i>P. tarsatus</i> l	186/186	186/206	248/250
<i>P. tarsatus</i> m	N/A	206/216	250/256
<i>P. tarsatus</i> n	186/186	N/A	246/250
<i>P. tarsatus</i> o	186/186	N/A	250/256
<i>P. tarsatus</i> p	186/186	N/A	246/250
<i>P. tarsatus</i> q	N/A	206/214	244/250
<i>P. tarsatus</i> r	186/186	186/206	250/256
<i>P. tarsatus</i> s	N/A	186/206	250/256
<i>P. tarsatus</i> t	186/186	186/206	250/256
<i>P. tarsatus</i> SW5a	N/A	208/214	246/258
<i>P. tarsatus</i> b	170/170	210/214	246/258
<i>P. tarsatus</i> c	170/170	208/214	246/258
<i>P. tarsatus</i> d	170/170	208/214	250/258
<i>P. tarsatus</i> e	168/170	210/214	246/258
<i>P. tarsatus</i> f	170/170	210/214	246/258
<i>P. tarsatus</i> g	168/170	208/214	246/258
<i>P. tarsatus</i> h	168/170	210/214	246/258
<i>P. tarsatus</i> i	168/176	198/216	246/250
<i>P. tarsatus</i> j	164/168	198/208	246/250
<i>P. tarsatus</i> k	170/170	210/214	246/258
<i>P. tarsatus</i> l	168/176	198/208	246/276
<i>P. tarsatus</i> m	170/170	208/214	250/258
<i>P. tarsatus</i> n	170/170	210/214	250/258
<i>P. tarsatus</i> o	170/170	208/214	246/258

<i>P. tarsatus</i> p	168/170	208/214	246/258
<i>P. tarsatus</i> q	170/170	210/214	246/258
<i>P. tarsatus</i> r	164/168	198/204	246/250
<i>P. tarsatus</i> s	170/170	208/214	250/258
<i>P. tarsatus</i> t	170/170	208/214	246/258
<i>P. tarsatus</i> SW6a	172/186	192/194	250/250
<i>P. tarsatus</i> b	170/172	192/194	250/256
<i>P. tarsatus</i> c	172/186	192/194	250/250
<i>P. tarsatus</i> d	172/186	192/194	250/250
<i>P. tarsatus</i> e	170/172	192/194	250/250
<i>P. tarsatus</i> f	170/172	192/194	250/256
<i>P. tarsatus</i> g	170/172	192/194	N/A
<i>P. tarsatus</i> h	N/A	N/A	250/256
<i>P. tarsatus</i> i	170/172	192/194	250/256
<i>P. tarsatus</i> j	172/186	192/194	250/256
<i>P. tarsatus</i> k	172/186	192/194	250/250
<i>P. tarsatus</i> l	170/172	192/194	250/256
<i>P. tarsatus</i> m	N/A	N/A	N/A
<i>P. tarsatus</i> n	172/186	192/194	250/256
<i>P. tarsatus</i> o	172/186	192/194	250/256
<i>P. tarsatus</i> p	172/186	192/194	250/250
<i>P. tarsatus</i> q	170/172	192/194	250/250
<i>P. tarsatus</i> r	172/186	192/194	250/250
<i>P. tarsatus</i> s	N/A	192/194	250/250
<i>P. tarsatus</i> t	N/A	192/194	250/256
<i>P. tarsatus</i> SW7a	172/194	N/A	254/278
<i>P. tarsatus</i> b	194/196	N/A	N/A
<i>P. tarsatus</i> c	194/196	192/192	246/254
<i>P. tarsatus</i> d	194/196	192/192	246/254
<i>P. tarsatus</i> e	194/196	192/192	250/276
<i>P. tarsatus</i> f	164/186	184/184	248/286
<i>P. tarsatus</i> g	172/194	N/A	246/254
<i>P. tarsatus</i> h	194/196	N/A	246/254
<i>P. tarsatus</i> i	194/196	N/A	246/254
<i>P. tarsatus</i> j	172/194	N/A	254/278
<i>P. tarsatus</i> SW8a	194/194	186/202	248/248
<i>P. tarsatus</i> b	194/194	186/202	248/248
<i>P. tarsatus</i> c	194/212	202/202	248/248
<i>P. tarsatus</i> d	194/212	202/202	248/282
<i>P. tarsatus</i> e	182/188	202/202	248/282
<i>P. tarsatus</i> f	N/A	202/202	248/282
<i>P. tarsatus</i> g	N/A	N/A	N/A
<i>P. tarsatus</i> h	164/194	N/A	N/A
<i>P. tarsatus</i> i	194/194	202/202	248/282
<i>P. tarsatus</i> j	164/194	202/202	248/248
<i>P. tarsatus</i> k	164/194	186/202	248/248
<i>P. tarsatus</i> l	194/212	202/202	248/282
<i>P. tarsatus</i> m	182/188	186/202	248/248
<i>P. tarsatus</i> n	194/212	202/202	248/282
<i>P. tarsatus</i> o	182/188	202/202	248/282
<i>P. tarsatus</i> p	164/194	N/A	248/248
<i>P. tarsatus</i> q	194/212	186/202	248/282
<i>P. tarsatus</i> r	182/188	202/202	248/248
<i>P. tarsatus</i> s	182/188	202/202	248/248
<i>P. tarsatus</i> t	N/A	N/A	248/248
<i>P. tarsatus</i> SE1a	168/194	188/188	246/248
<i>P. tarsatus</i> b	194/212	188/188	246/248
<i>P. tarsatus</i> c	168/194	188/188	246/248
<i>P. tarsatus</i> d	194/212	188/188	246/248
<i>P. tarsatus</i> e	194/212	N/A	246/248
<i>P. tarsatus</i> f	N/A	N/A	246/248
<i>P. tarsatus</i> g	194/212	N/A	246/248
<i>P. tarsatus</i> h	194/212	N/A	246/248
<i>P. tarsatus</i> i	194/212	N/A	246/248
<i>P. tarsatus</i> j	194/212	N/A	246/248
<i>P. tarsatus</i> k	194/212	N/A	246/248
<i>P. tarsatus</i> l	168/194	N/A	246/248
<i>P. tarsatus</i> m	194/212	188/198	246/248
<i>P. tarsatus</i> n	194/212	188/198	246/248
<i>P. tarsatus</i> o	194/212	188/188	246/248
<i>P. tarsatus</i> p	N/A	N/A	246/248
<i>P. tarsatus</i> q	168/194	N/A	246/248
<i>P. tarsatus</i> r	N/A	N/A	246/248
<i>P. tarsatus</i> s	194/212	N/A	246/248
<i>P. tarsatus</i> t	N/A	N/A	246/248
<i>P. tarsatus</i> SE2a	N/A	N/A	248/282
<i>P. tarsatus</i> b	N/A	N/A	248/282
<i>P. tarsatus</i> c	N/A	N/A	248/282
<i>P. tarsatus</i> d	N/A	N/A	246/282
<i>P. tarsatus</i> e	N/A	N/A	246/282
<i>P. tarsatus</i> f	N/A	N/A	N/A
<i>P. tarsatus</i> g	N/A	N/A	246/246
<i>P. tarsatus</i> h	N/A	N/A	246/282
<i>P. tarsatus</i> i	N/A	192/204	N/A

<i>P. tarsatus j</i>	N/A	N/A	N/A
<i>P. tarsatus k</i>	N/A	N/A	N/A
<i>P. tarsatus l</i>	178/182	N/A	246/246
<i>P. tarsatus m</i>	174/176	N/A	246/246
<i>P. tarsatus n</i>	N/A	192/204	246/246
<i>P. tarsatus o</i>	N/A	N/A	248/248?
<i>P. tarsatus p</i>	174/176	N/A	246/282
<i>P. tarsatus q</i>	174/176	N/A	246/246
<i>P. tarsatus r</i>	174/176	N/A	248/282
<i>P. tarsatus s</i>	N/A	N/A	N/A
<i>P. tarsatus t</i>	N/A	N/A	N/A
<i>P. tarsatus SE3a</i>	N/A	N/A	248/250
<i>P. tarsatus b</i>	186/192	194/202	258/286
<i>P. tarsatus c</i>	164/172	194/194	246/254
<i>P. tarsatus d</i>	186/194	196/206	246/246
<i>P. tarsatus e</i>	N/A	194/202	246/252
<i>P. tarsatus f</i>	170/190	192/194	246/246
<i>P. tarsatus g</i>	180/196	N/A	N/A
<i>P. tarsatus h</i>	N/A	N/A	N/A
<i>P. tarsatus i</i>	176/190	194/210	246/246
<i>P. tarsatus j</i>	170/190	192/192	246/246
<i>P. tarsatus k</i>	170/194	192/214	248/250
<i>P. tarsatus l</i>	N/A	N/A	N/A
<i>P. tarsatus m</i>	170/172	204/214	246/252
<i>P. tarsatus n</i>	N/A	N/A	N/A
<i>P. tarsatus o</i>	170/192	196/200	248/248
<i>P. tarsatus p</i>	170/178	184/202	246/246
<i>P. tarsatus q</i>	170/178	N/A	246/246
<i>P. tarsatus r</i>	164/174	202/214	248/286
<i>P. tarsatus s</i>	N/A	N/A	N/A
<i>P. tarsatus t</i>	N/A	186/210	246/252
<i>P. tarsatus SE4a</i>	N/A	N/A	N/A
<i>P. tarsatus b</i>	170/194	214/216	250/250
<i>P. tarsatus c</i>	N/A	N/A	248/250
<i>P. tarsatus d</i>	N/A	N/A	250/250
<i>P. tarsatus e</i>	170/196	174/186	250/250
<i>P. tarsatus f</i>	170/206	214/216	248/250
<i>P. tarsatus g</i>	170/194	186/186	250/250
<i>P. tarsatus h</i>	170/196	186/216	248/250
<i>P. tarsatus i</i>	170/194	N/A	N/A
<i>P. tarsatus j</i>	170/196	186/216	248/248
<i>P. tarsatus k</i>	170/206	186/216	246/248
<i>P. tarsatus l</i>	170/194	N/A	250/250
<i>P. tarsatus m</i>	170/196	214/216	248/250
<i>P. tarsatus n</i>	170/206	214/216	248/250
<i>P. tarsatus o</i>	170/196	186/186	250/250
<i>P. tarsatus p</i>	N/A	N/A	250/250
<i>P. tarsatus q</i>	170/196	214/216	246/250
<i>P. tarsatus r</i>	170/196	186/216	246/248
<i>P. tarsatus s</i>	170/196	214/216	246/248
<i>P. tarsatus t</i>	180/182	220/222	250/250
<i>P. tarsatus CE1a</i>	170/194	186/212	250/250
<i>P. tarsatus b</i>	170/194	186/192	248/278
<i>P. tarsatus c</i>	194/194	186/212	N/A
<i>P. tarsatus d</i>	170/194	186/192	248/278
<i>P. tarsatus e</i>	194/194	N/A	N/A
<i>P. tarsatus f</i>	170/194	N/A	250/278
<i>P. tarsatus g</i>	170/194	186/192	250/250
<i>P. tarsatus h</i>	170/194	186/192	250/278
<i>P. tarsatus i</i>	170/170	186/192	248/278
<i>P. tarsatus j</i>	170/170	186/192	248/278
<i>P. tarsatus k</i>	N/A	N/A	N/A
<i>P. tarsatus l</i>	170/182	186/212	250/278
<i>P. tarsatus m</i>	170/170	186/192	250/278
<i>P. tarsatus n</i>	170/194	186/212	250/278
<i>P. tarsatus o</i>	170/182	186/192	250/250
<i>P. tarsatus p</i>	N/A	186/212	250/278
<i>P. tarsatus q</i>	170/182	186/192	250/278
<i>P. tarsatus r</i>	N/A	N/A	250/278
<i>P. tarsatus s</i>	N/A	N/A	250/278
<i>P. tarsatus t</i>	N/A	N/A	N/A
<i>P. tarsatus CE2a</i>	N/A	196/202	246/286
<i>P. tarsatus b</i>	174/174	196/196	N/A
<i>P. tarsatus c</i>	174/186	210/216	246/248
<i>P. tarsatus d</i>	146/160	206/214	244/248
<i>P. tarsatus e</i>	168/204	N/A	248/252
<i>P. tarsatus f</i>	176/186	204/204	252/274
<i>P. tarsatus g</i>	168/194	206/214	246/246
<i>P. tarsatus h</i>	N/A	N/A	N/A
<i>P. tarsatus i</i>	176/176	196/208	246/250
<i>P. tarsatus j</i>	168/172	200/212	246/294
<i>P. tarsatus k</i>	174/174	194/210	246/248
<i>P. tarsatus l</i>	N/A	204/204	250/250
<i>P. tarsatus m</i>	168/204	204/210	248/250

<i>P. tarsatus</i> n	N/A	198/198	248/286
<i>P. tarsatus</i> o	168/194	206/214	250/250
<i>P. tarsatus</i> p	170/182	192/192	248/294
<i>P. tarsatus</i> q	N/A	200/202	248/248
<i>P. tarsatus</i> r	N/A	N/A	N/A
<i>P. tarsatus</i> s	168/194	206/212	246/246
<i>P. tarsatus</i> t	N/A	N/A	N/A
<i>P. tarsatus</i> SE5a	186/190	202/206	N/A
<i>P. tarsatus</i> b	170/172	186/202	250/250
<i>P. tarsatus</i> c	N/A	N/A	N/A
<i>P. tarsatus</i> d	170/172	186/202	248/250
<i>P. tarsatus</i> e	170/186	186/202	248/250
<i>P. tarsatus</i> f	170/186	186/202	250/250
<i>P. tarsatus</i> g	N/A	N/A	N/A
<i>P. tarsatus</i> h	186/190	186/202	N/A
<i>P. tarsatus</i> i	170/186	202/206	250/250
<i>P. tarsatus</i> j	170/186	186/202	250/250
<i>P. tarsatus</i> k	170/186	202/206	250/250
<i>P. tarsatus</i> l	170/186	186/202	250/250
<i>P. tarsatus</i> m	N/A	N/A	N/A
<i>P. tarsatus</i> n	170/186	202/206	250/250
<i>P. tarsatus</i> o	170/186	186/202	250/250
<i>P. tarsatus</i> p	178/186	202/206	248/250
<i>P. tarsatus</i> q	170/186	186/202	250/250
<i>P. tarsatus</i> r	178/186	202/206	250/250
<i>P. tarsatus</i> s	170/186	186/202	248/250
<i>P. tarsatus</i> t	178/186	186/202	244/244?
<i>P. tarsatus</i> SE6a	164/174	202/214	246/286
<i>P. tarsatus</i> b	164/170	208/214	246/248
<i>P. tarsatus</i> c	162/168	208/210	248/248
<i>P. tarsatus</i> d	N/A	208/216	250/250
<i>P. tarsatus</i> e	162/168	196/214	258/280
<i>P. tarsatus</i> f	170/170	186/194	248/248
<i>P. tarsatus</i> g	164/170	194/208	250/252
<i>P. tarsatus</i> h	170/170	190/208	252/282
<i>P. tarsatus</i> i	170/170	192/208	246/246
<i>P. tarsatus</i> j	164/170	194/216	246/254
<i>P. tarsatus</i> k	170/170	192/224	248/286
<i>P. tarsatus</i> l	170/170	212/214	248/250
<i>P. tarsatus</i> m	170/170	186/200	252/256
<i>P. tarsatus</i> n	170/170	212/216	250/252
<i>P. tarsatus</i> o	164/170	194/208	252/282
<i>P. tarsatus</i> p	170/170	190/208	276/290
<i>P. tarsatus</i> q	170/170	196/212	248/276
<i>P. tarsatus</i> r	170/170	212/212	N/A
<i>P. tarsatus</i> s	170/186	194/224	N/A
<i>P. tarsatus</i> t	170/186	190/208	N/A
<i>P. tarsatus</i> CW1a	170/172	202/206	N/A
<i>P. tarsatus</i> b	170/196	194/214	248/284
<i>P. tarsatus</i> c	170/186	202/202	248/288
<i>P. tarsatus</i> d	170/196	194/214	248/248
<i>P. tarsatus</i> e	170/186	202/202	N/A
<i>P. tarsatus</i> f	170/186	202/206	248/288
<i>P. tarsatus</i> g	168/170	194/214	248/248
<i>P. tarsatus</i> h	170/196	194/214	248/248
<i>P. tarsatus</i> i	170/196	194/214	248/248
<i>P. tarsatus</i> j	170/196	194/214	248/284
<i>P. tarsatus</i> k	N/A	N/A	N/A
<i>P. tarsatus</i> l	170/186	202/202	248/288
<i>P. tarsatus</i> m	170/186	194/214	248/248
<i>P. tarsatus</i> n	N/A	N/A	248/248
<i>P. tarsatus</i> o	N/A	N/A	N/A
<i>P. tarsatus</i> p	168/170	194/214	248/248
<i>P. tarsatus</i> q	170/186	202/206	248/288
<i>P. tarsatus</i> r	N/A	194/214	248/248
<i>P. tarsatus</i> s	168/170	194/214	248/248
<i>P. tarsatus</i> t	N/A	N/A	N/A
<i>P. tarsatus</i> CW2a	N/A	N/A	N/A
<i>P. tarsatus</i> b	186/204	170/184	248/290
<i>P. tarsatus</i> c	186/194	170/184	246/248
<i>P. tarsatus</i> d	186/194	170/184	246/248
<i>P. tarsatus</i> e	186/194	170/186	248/290
<i>P. tarsatus</i> f	186/204	170/184	248/290
<i>P. tarsatus</i> l	186/204	170/186	248/290
<i>P. tarsatus</i> h	186/194	170/186	248/290
<i>P. tarsatus</i> i	186/204	170/186	246/248
<i>P. tarsatus</i> j	186/194	170/184	N/A
<i>P. tarsatus</i> k	186/204	170/184	248/290
<i>P. tarsatus</i> l	186/194	184/184	N/A
<i>P. tarsatus</i> m	186/194	170/186	246/248
<i>P. tarsatus</i> n	186/194	170/184	246/248
<i>P. tarsatus</i> o	186/194	170/186	248/290
<i>P. tarsatus</i> p	N/A	N/A	N/A
<i>P. tarsatus</i> q	186/204	170/184	248/290

<i>P. tarsatus r</i>	186/194	N/A	N/A
<i>P. tarsatus s</i>	186/204	170/184	246/248
<i>P. tarsatus t</i>	186/204	170/184	248/290
<i>P. tarsatus CW3a</i>	164/170	186/186	248/248
<i>P. tarsatus b</i>	170/184	218/218	246/248
<i>P. tarsatus c</i>	N/A	216/218	248/248
<i>P. tarsatus d</i>	170/184	N/A	N/A
<i>P. tarsatus e</i>	170/184	N/A	248/252
<i>P. tarsatus f</i>	170/184	N/A	248/248
<i>P. tarsatus g</i>	N/A	N/A	248/252
<i>P. tarsatus h</i>	170/192	N/A	N/A
<i>P. tarsatus i</i>	170/192	186/224	248/248
<i>P. tarsatus j</i>	N/A	186/224	248/252
<i>P. tarsatus k</i>	170/184	218/218	248/252
<i>P. tarsatus l</i>	170/184	218/218	248/252
<i>P. tarsatus m</i>	N/A	218/218	248/252
<i>P. tarsatus n</i>	170/192	218/218	246/246
<i>P. tarsatus o</i>	N/A	186/186	248/252
<i>P. tarsatus p</i>	170/192	186/186	248/252
<i>P. tarsatus q</i>	170/192	186/224	248/252
<i>P. tarsatus r</i>	170/192	186/224	248/248
<i>P. tarsatus s</i>	170/192	186/224	248/248
<i>P. tarsatus t</i>	N/A	N/A	N/A
<i>P. tarsatus CW5a</i>	N/A	200/214	246/250
<i>P. tarsatus b</i>	170/186	196/202	248/290
<i>P. tarsatus c</i>	170/186	196/198	248/290
<i>P. tarsatus CW6a</i>	164/170	184/214	N/A
<i>P. tarsatus b</i>	N/A	N/A	N/A
<i>P. tarsatus c</i>	164/164	202/214	N/A
<i>P. tarsatus d</i>	164/170	202/214	N/A
<i>P. tarsatus e</i>	N/A	N/A	N/A
<i>P. tarsatus f</i>	164/164	184/214	N/A
<i>P. tarsatus g</i>	164/164	202/214	N/A
<i>P. tarsatus h</i>	164/170	202/214	N/A
<i>P. tarsatus i</i>	164/170	202/214	N/A
<i>P. tarsatus j</i>	164/170	202/214	N/A
<i>P. tarsatus k</i>	N/A	N/A	N/A
<i>P. tarsatus l</i>	164/164	184/214	N/A
<i>P. tarsatus m</i>	N/A	N/A	N/A
<i>P. tarsatus n</i>	164/170	184/214	N/A
<i>P. tarsatus o</i>	N/A	N/A	N/A
<i>P. tarsatus p</i>	N/A	202/214	N/A
<i>P. tarsatus q</i>	164/170	184/214	N/A
<i>P. tarsatus r</i>	164/170	184/214	N/A
<i>P. tarsatus s</i>	164/170	184/214	N/A
<i>P. tarsatus t</i>	164/170	202/214	N/A
<i>P. tarsatus CE3a</i>	168/170	206/208	250/284
<i>P. tarsatus b</i>	168/170	192/204	250/250
<i>P. tarsatus c</i>	170/182	186/188	246/246
<i>P. tarsatus d</i>	170/170	192/206	246/286
<i>P. tarsatus e</i>	170/194	202/206	248/252
<i>P. tarsatus f</i>	170/170	216/218	250/250
<i>P. tarsatus g</i>	170/176	194/204	248/292
<i>P. tarsatus h</i>	170/192	204/222	250/250
<i>P. tarsatus i</i>	168/196	208/208	252/262
<i>P. tarsatus j</i>	168/170	210/212	244/252
<i>P. tarsatus k</i>	170/196	186/186	246/280
<i>P. tarsatus l</i>	174/174	206/220	246/260
<i>P. tarsatus m</i>	164/170	200/206	N/A
<i>P. tarsatus n</i>	170/176	198/216	248/278
<i>P. tarsatus o</i>	N/A	186/206	248/248
<i>P. tarsatus p</i>	168/198	198/204	248/292
<i>P. tarsatus q</i>	N/A	N/A	252/278
<i>P. tarsatus r</i>	168/168	196/216	248/286
<i>P. tarsatus s</i>	N/A	N/A	N/A
<i>P. tarsatus t</i>	N/A	N/A	N/A
<i>P. tarsatus CE4a</i>	170/186	204/216	252/274
<i>P. tarsatus b</i>	184/206	204/222	250/250
<i>P. tarsatus c</i>	188/206	206/216	250/250
<i>P. tarsatus d</i>	196/206	186/206	250/286
<i>P. tarsatus e</i>	170/182	186/206	284/286
<i>P. tarsatus f</i>	170/170	204/222	248/254
<i>P. tarsatus g</i>	172/186	218/218	248/248
<i>P. tarsatus h</i>	170/196	196/200	292/294
<i>P. tarsatus i</i>	N/A	194/196	250/250
<i>P. tarsatus j</i>	170/190	196/202	250/254
<i>P. tarsatus k</i>	188/206	192/214	274/280
<i>P. tarsatus l</i>	N/A	206/214	244/248
<i>P. tarsatus m</i>	170/184	200/216	246/248
<i>P. tarsatus n</i>	164/170	202/204	248/248
<i>P. tarsatus o</i>	164/170	192/202	248/248
<i>P. tarsatus p</i>	170/170	218/218	250/278
<i>P. tarsatus q</i>	168/176	214/216	284/286
<i>P. tarsatus r</i>	164/170	186/206	248/248

<i>P. tarsatus s</i>	164/170	202/216	N/A
<i>P. tarsatus t</i>	170/186	206/212	246/248
<i>P. tarsatus CE5a</i>	170/182	206/206	248/248
<i>P. tarsatus b</i>	166/174	202/206	248/248
<i>P. tarsatus c</i>	170/194	206/218	248/248
<i>P. tarsatus d</i>	170/182	192/192	248/248
<i>P. tarsatus e</i>	168/176	202/220	248/248
<i>P. tarsatus f</i>	N/A	188/216	248/248
<i>P. tarsatus g</i>	164/186	196/200	248/248
<i>P. tarsatus h</i>	N/A	N/A	N/A
<i>P. tarsatus i</i>	N/A	196/202	248/286
<i>P. tarsatus j</i>	N/A	N/A	N/A
<i>P. tarsatus k</i>	170/202	192/216	250/250
<i>P. tarsatus l</i>	170/176	204/212	248/258
<i>P. tarsatus m</i>	166/202	186/216	246/286
<i>P. tarsatus n</i>	166/174	196/200	246/254
<i>P. tarsatus o</i>	172/186	196/202	246/286
<i>P. tarsatus p</i>	N/A	214/218	248/250
<i>P. tarsatus q</i>	168/190	202/204	248/274
<i>P. tarsatus r</i>	166/174	198/204	250/250
<i>P. tarsatus s</i>	N/A	N/A	N/A
<i>P. tarsatus t</i>	N/A	N/A	N/A
<i>P. tarsatus CE6a</i>	168/176	192/214	288/290
<i>P. tarsatus b</i>	168/200	192/214	288/290
<i>P. tarsatus c</i>	N/A	192/214	278/290
<i>P. tarsatus d</i>	N/A	192/214	278/290
<i>P. tarsatus e</i>	168/202	192/214	288/290
<i>P. tarsatus f</i>	N/A	192/214	278/290
<i>P. tarsatus g</i>	168/202	192/214	288/290
<i>P. tarsatus h</i>	168/176	192/214	288/290
<i>P. tarsatus i</i>	168/202	192/214	278/290
<i>P. tarsatus j</i>	168/202	192/214	288/290
<i>P. tarsatus k</i>	168/176	192/214	278/290
<i>P. tarsatus l</i>	168/176	192/214	288/290
<i>P. tarsatus m</i>	168/176	192/214	288/290
<i>P. tarsatus n</i>	168/176	192/214	278/290
<i>P. tarsatus o</i>	N/A	192/214	278/290
<i>P. tarsatus p</i>	N/A	192/214	278/290
<i>P. tarsatus q</i>	168/202	192/214	N/A
<i>P. tarsatus r</i>	168/202	192/214	288/290
<i>P. tarsatus s</i>	168/202	192/214	288/290
<i>P. tarsatus t</i>	168/176	192/214	288/290
<i>P. tarsatus CE7a</i>	166/202	186/216	248/286
<i>P. tarsatus b</i>	170/188	196/208	248/248
<i>P. tarsatus c</i>	168/170	192/194	252/290
<i>P. tarsatus d</i>	170/186	194/202	246/280
<i>P. tarsatus e</i>	170/178	196/206	246/246
<i>P. tarsatus f</i>	N/A	204/220	246/258
<i>P. tarsatus g</i>	N/A	N/A	250/282
<i>P. tarsatus h</i>	168/170	194/204	246/258
<i>P. tarsatus i</i>	N/A	N/A	250/258
<i>P. tarsatus j</i>	168/170	194/216	N/A
<i>P. tarsatus k</i>	168/170	196/208	248/248
<i>P. tarsatus l</i>	170/172	186/204	248/248
<i>P. tarsatus m</i>	N/A	N/A	N/A
<i>P. tarsatus n</i>	N/A	N/A	N/A
<i>P. tarsatus o</i>	168/170	194/200	250/284
<i>P. tarsatus p</i>	164/168	186/194	246/250
<i>P. tarsatus q</i>	168/170	188/216	246/250
<i>P. tarsatus r</i>	N/A	200/206	246/250
<i>P. tarsatus s</i>	170/174	196/212	246/250
<i>P. tarsatus t</i>	N/A	N/A	N/A
<i>P. tarsatus CE7a</i>	170/202	186/194	246/248
<i>P. tarsatus b</i>	170/202	194/214	246/248
<i>P. tarsatus c</i>	170/202	194/214	246/248
<i>P. tarsatus d</i>	170/170	194/214	246/248
<i>P. tarsatus e</i>	170/202	186/194	246/248
<i>P. tarsatus f</i>	170/170	186/194	246/248
<i>P. tarsatus g</i>	170/202	194/214	246/248
<i>P. tarsatus h</i>	170/202	186/194	246/248
<i>P. tarsatus i</i>	170/202	194/214	246/248
<i>P. tarsatus j</i>	170/170	186/194	246/248
<i>P. tarsatus k</i>	170/202	186/194	246/248
<i>P. tarsatus l</i>	170/202	194/214	246/248
<i>P. tarsatus m</i>	196/202	186/194	246/248
<i>P. tarsatus n</i>	170/202	186/194	246/248
<i>P. tarsatus o</i>	170/170	194/214	246/248
<i>P. tarsatus p</i>	170/202	186/194	246/248
<i>P. tarsatus q</i>	170/170	194/214	246/248
<i>P. tarsatus r</i>	N/A	N/A	N/A
<i>P. tarsatus s</i>	196/202	194/214	246/248
<i>P. tarsatus t</i>	170/170	186/194	246/248
<i>P. tarsatus CW7a</i>	174/192	206/210	248/250
<i>P. tarsatus b</i>	N/A	N/A	N/A

<i>P. tarsatus</i> c	164/172	206/206	250/282
<i>P. tarsatus</i> d	164/172	206/206	248/250
<i>P. tarsatus</i> e	164/172	206/210	248/250
<i>P. tarsatus</i> f	N/A	N/A	248/250
<i>P. tarsatus</i> g	N/A	N/A	248/250
<i>P. tarsatus</i> h	N/A	206/210	250/282
<i>P. tarsatus</i> i	164/172	206/210	250/282
<i>P. tarsatus</i> j	174/174	206/210	248/250
<i>P. tarsatus</i> k	164/172	206/206	250/282
<i>P. tarsatus</i> l	164/172	206/210	248/250
<i>P. tarsatus</i> m	N/A	N/A	N/A
<i>P. tarsatus</i> n	N/A	N/A	N/A
<i>P. tarsatus</i> o	174/192	206/206	248/250
<i>P. tarsatus</i> p	N/A	206/206	N/A
<i>P. tarsatus</i> q	174/192	206/210	248/250
<i>P. tarsatus</i> r	174/192	206/210	248/250
<i>P. tarsatus</i> s	N/A	N/A	N/A
<i>P. tarsatus</i> t	164/172	206/206	248/250
<i>P. tarsatus</i> CW8a	164/176	204/216	248/272
<i>P. tarsatus</i> b	176/186	204/216	248/258
<i>P. tarsatus</i> c	164/176	204/216	248/258
<i>P. tarsatus</i> d	164/176	204/216	248/272
<i>P. tarsatus</i> e	164/176	204/216	248/258
<i>P. tarsatus</i> f	176/186	204/212	N/A
<i>P. tarsatus</i> g	164/176	204/216	248/258
<i>P. tarsatus</i> h	176/186	204/212	248/258
<i>P. tarsatus</i> i	164/176	204/216	248/272
<i>P. tarsatus</i> j	N/A	204/212	N/A
<i>P. tarsatus</i> k	176/186	204/216	248/258
<i>P. tarsatus</i> l	176/186	204/212	N/A
<i>P. tarsatus</i> m	N/A	204/212	N/A
<i>P. tarsatus</i> n	176/186	204/216	248/272
<i>P. tarsatus</i> o	176/186	204/212	248/272
<i>P. tarsatus</i> p	164/176	204/216	248/272
<i>P. tarsatus</i> q	N/A	N/A	N/A
<i>P. tarsatus</i> r	N/A	N/A	N/A
<i>P. tarsatus</i> s	164/176	204/212	248/258
<i>P. tarsatus</i> t	164/176	204/216	248/272
<i>P. tarsatus</i> CW9a	172/184	186/220	246/248
<i>P. tarsatus</i> b	172/174	186/220	246/246
<i>P. tarsatus</i> c	172/174	186/220	246/248
<i>P. tarsatus</i> d	172/174	214/220	246/246
<i>P. tarsatus</i> e	172/184	186/220	246/248
<i>P. tarsatus</i> f	172/174	214/220	246/246
<i>P. tarsatus</i> g	172/174	214/220	246/248
<i>P. tarsatus</i> h	172/174	186/220	246/246
<i>P. tarsatus</i> i	172/174	214/220	246/246
<i>P. tarsatus</i> j	172/174	186/220	246/248
<i>P. tarsatus</i> k	N/A	N/A	246/246
<i>P. tarsatus</i> l	172/174	186/220	246/246
<i>P. tarsatus</i> m	172/174	186/220	246/246
<i>P. tarsatus</i> n	172/184	186/220	246/248
<i>P. tarsatus</i> o	172/184	214/220	246/248
<i>P. tarsatus</i> p	172/174	186/220	246/248
<i>P. tarsatus</i> q	172/184	N/A	246/248
<i>P. tarsatus</i> r	172/184	N/A	246/248
<i>P. tarsatus</i> s	N/A	N/A	N/A
<i>P. tarsatus</i> t	N/A	N/A	N/A
<i>P. tarsatus</i> CW10a	170/184	192/198	246/284
<i>P. tarsatus</i> b	170/184	198/206	246/284
<i>P. tarsatus</i> c	170/184	198/206	250/284
<i>P. tarsatus</i> d	N/A	N/A	244/246
<i>P. tarsatus</i> e	172/184	N/A	N/A
<i>P. tarsatus</i> f	170/184	198/206	250/250
<i>P. tarsatus</i> g	172/184	198/206	250/284
<i>P. tarsatus</i> h	172/184	192/198	250/284
<i>P. tarsatus</i> i	170/184	192/198	246/284
<i>P. tarsatus</i> j	170/184	192/198	246/284
<i>P. tarsatus</i> k	170/184	192/198	246/284
<i>P. tarsatus</i> l	N/A	204/204	250/250
<i>P. tarsatus</i> m	172/184	192/198	N/A
<i>P. tarsatus</i> n	N/A	N/A	N/A
<i>P. tarsatus</i> o	172/184	198/206	250/284
<i>P. tarsatus</i> p	172/184	192/198	250/284
<i>P. tarsatus</i> q	N/A	N/A	N/A
<i>P. tarsatus</i> r	172/184	192/198	246/284
<i>P. tarsatus</i> s	172/184	192/198	N/A
<i>P. tarsatus</i> t	N/A	N/A	N/A

Table S8 Alleles, allele frequencies (2017/2019) for 6 microsatellite loci of *M. analis*.

Allele frequency <i>Megaponera analis</i> 2019 for all colonies		Allele frequencies <i>Megaponera analis</i> 2017 for all colonies			
Primer					
Meg1	Allele (bp)	Allele frequency	Meg1	Allele (bp)	Allele frequency
	221	0.024		219	0.02
	223	0.293		223	0.252
	225	0.164		225	0.11
	227	0.223		227	0.311
	229	0.265		229	0.279
	231	0.005		231	0.016
	233	0.015		233	0.012
	241	0.011			
Meg2	Allele (bp)	Allele frequency	Meg2	Allele (bp)	Allele frequency
	146	0.039		150	0.039
	150	0.004		152	0.17
	152	0.208		154	0.086
	154	0.1		156	0.116
	156	0.117		158	0.338
	158	0.322		160	0.07
	160	0.13		162	0.057
	162	0.021		164	0.007
	164	0.012		166	0.024
	166	0.001		172	0.071
	168	0.028		174	0.02
	170	0.009		178	0.001
	172	0.009			
Meg3	Allele (bp)	Allele frequency	Meg3	Allele (bp)	Allele frequency
	152	0.005		156	0.171
	156	0.112		158	0.031
	158	0.103		160	0.015
	160	0.058		162	0.031
	162	0.049		164	0.042
	164	0.029		166	0.011
	166	0.034		172	0.003
	176	0.143		174	0.009
	178	0.319		176	0.144
	180	0.115		178	0.243
	182	0.033		180	0.242
				182	0.045
			184	0.008	
			186	0.005	
			190	0.002	
Meg5	Allele (bp)	Allele frequency	Meg5	Allele (bp)	Allele frequency
	180	0.046		180	0.048
	182	0.064		182	0.097
	184	0.125		184	0.03
	186	0.033		186	0.038
	188	0.292		188	0.29
	190	0.203		190	0.173

192	0.103	192	0.119
194	0.098	194	0.105
196	0.029	196	0.075
200	0.008	198	0.007
		204	0.02

Meg17	Allele (bp)	Allele frequency	Meg17	Allele (bp)	Allele frequency
	177	0.802		164	0.003
	189	0.191		177	0.643
	193	0.007		183	0.001
				189	0.294
				193	0.058

Meg25	Allele (bp)	Allele frequency	Meg25	Allele (bp)	Allele frequency
	206	0.012		202	0.029
	208	0.039		208	0.049
	212	0.007		212	0.008
	214	0.024		214	0.025
	216	0.013		216	0.04
	218	0.077		218	0.082
	220	0.43		220	0.408
	222	0.288		222	0.211
	224	0.027		224	0.041
	226	0.029		226	0.067
	230	0.003		228	0.002
	232	0.051		230	0.038

Table S9 Alleles, allele frequencies for 3 microsatellite loci of *P. tarsatus* from 2019.

Primer Allele frequencies <i>Paltothyreus tarsatus</i> 2019 for all colonies		
Pt 1	Allele (bp)	Allele frequency
	146	0.001
	160	0.001
	162	0.002
	164	0.062
	166	0.007
	168	0.074
	170	0.304
	172	0.069
	174	0.038
	176	0.042
	178	0.008
	180	0.002
	182	0.017
	184	0.031
	186	0.123
	188	0.009
	190	0.008
	192	0.015
	194	0.086
	196	0.031
	198	0.001
	200	0.001
	202	0.028
	204	0.011
	206	0.008
	212	0.021
Pt10	Allele (bp)	Allele frequency
	170	0.016
	174	0.001
	184	0.023
	186	0.113
	188	0.017
	190	0.004
	192	0.09
	194	0.082
	196	0.022
	198	0.024
	200	0.027
	202	0.093
	204	0.053
	206	0.082
	208	0.039
	210	0.038
	212	0.026

	214	0.138
	216	0.059
	218	0.019
	220	0.02
	222	0.005
	224	0.008
Pt42	Allele (bp)	Allele frequency
	244	0.008
	246	0.214
	248	0.288
	250	0.214
	252	0.028
	254	0.014
	256	0.02
	258	0.05
	260	0.002
	262	0.001
	272	0.008
	274	0.004
	276	0.005
	278	0.029
	280	0.004
	282	0.025
	284	0.018
	286	0.016
	288	0.015
	290	0.033
	292	0.003
	294	0.003

Table S10 Concatenated sequences of cytochrome oxidase subunit I (1- 658bp) and cytochrome B (659-1022bp) of all sampled colonies of *M. analis* (2017 and 2019) and *P. tarsatus* (2019). Colony tags are divided by the two collection areas camp (C) and station (S) with the respective geographical orientation of the river sides, East (C) and West (W). Extended abbreviation with “17” for colonies sampled in 2017.

<p><i>M. analis</i> CE17-1</p> <p>tattcttactctcttcttatttgatcaggattaatcggagcatccataagaataattatc gattagaattaggaaatgcaattcaattattacaatgatcaactttcaattctattat tccaacctgaccttattataatttttataatcacccttcataatggaggattggcaactttaattcctcttatacttggatccccgatatagcctccccgaataaacaatataag attttgactttaccacctcattaacattactatttcaagaagatttattcttgaaggattggaacaggatgaactcttaccctccctatcatctagaatattcatagaagattgctac agatttaggaatctctctccacttctgctggaatatectctattttaggagccatcaattttactacaattataatatacatataaaaaattatccatagaaaaaattccattattcatt gatcactattaatacaacaattctcttattcttactccagttctagcaggagcaattactatacttctaactgaccgcaacttaataactcatttttgatccagcaggaggagggtga tcctatccttttcaacatttatttttcaatcaataacgctacttcaaccgattttttccctccattttatcttccatttttaattatacccataatfttcatttattttttctcataaacagg ctctcaaatctcttggaaaccaatagaactttaacaaaatccttttaatttttactttattatcaaaagattcaataacctcattgaccccccttaatttttaattctatttttcaatctct atataatagaagaccgaaaactcattctgctaatacctaactcaattcatattcaacctgaatgatacttctttttacatagccattctc gatcaattcctaataaattag</p>
<p><i>M. analis</i> CE17-2</p> <p>Tattcttactcctcttcttatttgatcaggattaatcggagcatccataagaataattatc gattagaattaggaaatgcaattcaattattacaatgatcaactttcaattctattat accaacatgaccttattataatttttataatcacccttcataatggaggattggcaactttaattcctcttatacttggatccccgatatagcctccccgaataaacaatataa gattttgactttaccacctcattaacattactatttcaagaagatttattcttgaaggattggaacaggatgaactcttaccctccctatcatctagaatattcatagaagattgcta cagatttaggaatctctctccacttctgctggaatatectctattttaggagccatcaattttactacaattataatatacatataaaaaattatccatagaaaaaattccattattcat ttgatcactattaatacaacaattctcttattcttactccagttctagcaggagcaattactatacttctaactgaccgcaacttaataactcatttttgatccagcaggaggagggtg atcctatccttttcaacatttatttttcaatcaataacgctacttcaaccgattttttccctccattttattcttccatttttaattatacccataatfttcattcattttttctcataaacag gctctcaaatccttggaaaccaatagaactttaacaaaatccttttaatttttactttattatcaaaagattcaataacctcattgaccccccttaatttttaattctatttttcaatctc ttatatattaagagaccgaaaactcattctgctaatacctaactcaattcatattcaacctgaatgatacttctttttacatagccattctc gatcaattcctaataaattag</p>
<p><i>M. analis</i> CE17-3</p> <p>Tattcttactcctcttcttatttgatcaggattaatcggagcatccataagaataattatc gattagaattaggaaatgcaattcaattattacaatgatcaactttcaattctattat accaacatgaccttattataatttttataatcacccttcataatggaggattggcaactttaattcctcttatacttggatccccgatatagcctccccgaataaacaatataa gattttgactttaccacctcattaacattactatttcaagaagatttattcttgaaggattggaacaggatgaactcttaccctccctatcatctagaatattcatagaagattgcta cagatttaggaatctctctccacttctgctggaatatectctattttaggagccatcaattttactacaattataatatacatataaaaaattatccatagaaaaaattccattattcat ttgatcactattaatacaacaattctcttattcttactccagttctagcaggagcaattactatacttctaactgaccgcaacttaataactcatttttgatccagcaggaggagggtg atcctatccttttcaacatttatttttcaatcaataacgctacttcaaccgattttttccctccattttattcttccatttttaattatacccataatfttcattcattttttctcataaacag gctctcaaatccttggaaaccaatagaactttaacaaaatccttttaatttttactttattatcaaaagattcaataacctcattgaccccccttaatttttaattctatttttcaatctc ttatatattaagagaccgaaaactcattctgctaatacctaactcaattcatattcaacctgaatgatacttctttttacatagccattctc gatcaattcctaataaattag</p>
<p><i>M. analis</i> CE17-4</p> <p>Tattcttactcctcttcttatttgatcaggattaatcggagcatccataagaataattatc gattagaattaggaaatgcaattcaattattacaatgatcaactttcaattctattat accaacatgaccttattataatttttataatcacccttcataatggaggattggcaactttaattcctcttatacttggatccccgatatagcctccccgaataaacaatataa gattttgactttaccacctcattaacattactatttcaagaagatttattcttgaaggattggaacaggatgaactcttaccctccctatcatctagaatattcatagaagattgcta cagatttaggaatctctctccacttctgctggaatatectctattttaggagccatcaattttactacaattataatatacatataaaaaattatccatagaaaaaattccattattcat ttgatcactattaatacaacaattctcttattcttactccagttctagcaggagcaattactatacttctaactgaccgcaacttaataactcatttttgatccagcaggaggagggtg atcctatccttttcaacatttatttttcaatcaataacgctacttcaaccgattttttccctccattttattcttccatttttaattatacccataatfttcattcattttttctcataaacag gctctcaaatccttggaaaccaatagaactttaacaaaatccttttaatttttactttattatcaaaagattcaataacctcattgaccccccttaatttttaattctatttttcaatctc ttatatattaagagaccgaaaactcattctgctaatacctaactcaattcatattcaacctgaatgatacttctttttacatagccattctc gatcaattcctaataaattag</p>
<p><i>M. analis</i> CE17-5</p> <p>Tattcttactcctcttcttatttgatcaggattaatcggagcatccataagaataattatc gattagaattaggaaatgcaattcaattattacaatgatcaactttcaattctattat accaacatgaccttattataatttttataatcacccttcataatggaggattggcaactttaattcctcttatacttggatccccgatatagcctccccgaataaacaatataa gattttgactttaccacctcattaacattactatttcaagaagatttattcttgaaggattggaacaggatgaactcttaccctccctatcatctagaatattcatagaagattgcta cagatttaggaatctctctccacttctgctggaatatectctattttaggagccatcaattttactacaattataatatacatataaaaaattatccatagaaaaaattccattattcat ttgatcactattaatacaacaattctcttattcttactccagttctagcaggagcaattactatacttctaactgaccgcaacttaataactcatttttgatccagcaggaggagggtg atcctatccttttcaacatttatttttcaatcaataacgctacttcaaccgattttttccctccattttattcttccatttttaattatacccataatfttcattcattttttctcataaacag gctctcaaatccttggaaaccaatagaactttaacaaaatccttttaatttttactttattatcaaaagattcaataacctcattgaccccccttaatttttaattctatttttcaatctc ttatatattaagagaccgaaaactcattctgctaatacctaactcaattcatattcaacctgaatgatacttctttttacatagccattctc gatcaattcctaataaattag</p>
<p><i>M. analis</i> CE17-7</p> <p>tattcttactcctcttcttatttgatcaggattaatcggagcatccataagaataattatc gattagaattaggaaatgcaattcaattattacaatgatcaactttcaattctattat tccaacctgaccttattataatttttataatcacccttcataatggaggattggcaactttaattcctcttatacttggatccccgatatagcctccccgaataaacaatataag attttgactttaccacctcattaacattactatttcaagaagatttattcttgaaggattggaacaggatgaactcttaccctccctatcatctagaatattcatagaagattgctac agatttaggaatctctctccacttctgctggaatatectctattttaggagccatcaattttactacaattataatatacatataaaaaattatccatagaaaaaattccattattcatt gatcactattaatacaacaattctcttattcttactccagttctagcaggagcaattactatacttctaactgaccgcaacttaataactcatttttgatccagcaggaggagggtga tcctatccttttcaacatttatttttcaatcaataacgctacttcaaccgattttttccctccattttattcttccatttttaattatacccataatfttcattcattttttctcataaacagg ctctcaaatctcttggaaaccaatagaactttaacaaaatccttttaatttttactttattatcaaaagattcaataacctcattgaccccccttaatttttaattctatttttcaatctc atataatagaagaccgaaaactcattctgctaatacctaactcaattcatattcaacctgaatgatacttctttttacatagccattctc gatcaattcctaataaattag</p>
<p><i>M. analis</i> CE17-8</p> <p>tattcttactcctcttcttatttgatcaggattaatcggagcatccataagaataattatc gattagaattaggaaatgcaattcaattattacaatgatcaactttcaattctattat tccaacctgaccttattataatttttataatcacccttcataatggaggattggcaactttaattcctcttatacttggatccccgatatagcctccccgaataaacaatataag attttgactttaccacctcattaacattactatttcaagaagatttattcttgaaggattggaacaggatgaactcttaccctccctatcatctagaatattcatagaagattgctac agatttaggaatctctctccacttctgctggaatatectctattttaggagccatcaattttactacaattataatatacatataaaaaattatccatagaaaaaattccattattcatt gatcactattaatacaacaattctcttattcttactccagttctagcaggagcaattactatacttctaactgaccgcaacttaataactcatttttgatccagcaggaggagggtga tcctatccttttcaacatttatttttcaatcaataacgctacttcaaccgattttttccctccattttattcttccatttttaattatacccataatfttcattcattttttctcataaacagg ctctcaaatctcttggaaaccaatagaactttaacaaaatccttttaatttttactttattatcaaaagattcaataacctcattgaccccccttaatttttaattctatttttcaatctc atataatagaagaccgaaaactcattctgctaatacctaactcaattcatattcaacctgaatgatacttctttttacatagccattctc gatcaattcctaataaattag</p>

Ctcttgctattgacaggattaatcggagcatccataagaataattatcgattagaattaggaacatgcaattcaattatacaaatgatcaactttcaattctattgtaccaacatg
cctttattataaattttttataatcacctttcataaattggaggatttggcaactatftaatccctcttatacttggatccctgatatagcctccccgaataaacaataaagatttgactt
ttaccgccctcattaacattacttattcaagaagatttattcttgaaggaattggaactggatgaactctttaccctccctatcatctagaatattcatagaagattgctacagatttagg
aatttctctccatctgctggaatacctctattttaggagccatcaattttactacaattataatatacatataaaaaattatccatagaaaaatccattattcattgatcgtatt
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acaggctcctcaaatccttggaaaccaatagaactttaacaaaatccttttaattttactttatcaagattcagtaacctcattgtcacccttaatttttaattctattttcaa
tatccttatataaagagaccagaaaactcattcctgccaaccaataactaactcatttcatattcaacctgaatgatacttcttttatacatgcccattctcgtatcaattcctaataaa
ttag

Table S11 Calculated genotypes for the respective queen and the corresponding male for *P. tarsatus* colonies (Matesoft). Each colony was assigned to the respective population (SE, SW, CE, CW) and the respective alleles of the individual loci (Pt1, Pt10, Pt42) were recorded for each queen and male. Colonies marked with ‘*’ have several possible queen genotypes. Genotypes with highest possibility (Matesoft) were chosen. Colonies marked with ‘†’ have additional alleles that were excluded of the calculation.

Genotypes of <i>Paltothyreus tarsatus</i> queens/males 2019				
Colony ID (Population)	Gender	Pt1	Pt10	Pt42
P2 (SW)	queen	168/170	208/210	248/250
	male	170	214	258
P3 (SW) †	queen	170/172	204/214	246/250
	male	186	200	246
P4 (SW) †	queen	186/186	186/216	246/256
	male	186	206	250
P5 (SW) †	queen	168/170	208/210	246/250
	male	170	214	258
P6 (SW)*	queen	170/186	192/192	250/256
	male	172	194	250
P7 (SW) †	queen	172/196	192/192	246/278
	male	194	192	254
P8 (SW)* †	queen	194/212	186/202	248/282
	male	194	202	248
P9 (SE)*	queen	168/212	188/198	248/248
	male	194	188	246
P10 (SE)* †	queen	176/176	192/192	246/248
	male	174	204	282
P12 (SE) †	queen	182/194	192/212	248/250
	male	170	186	278
P13 (CE)* †	queen	182/194	192/212	248/250
	male	170	186	278
P15 (SE) †	queen	170/178	186/206	248/250
	male	186	202	250
P18 (CW) †	queen	194/204	184/186	246/290
	male	186	170	248
P19 (CW)* †	queen	184/192	186/224	248/252
	male	170	186	248
P22 (CW)	queen	164/170	184/202	246/248
	male	164	214	246
P28 (SE)* †	queen	170/202	186/214	248/248
	male	170	194	246
P29 (CW)* †	queen	172/172	206/210	248/282
	male	164	206	250
P30 (CW)	queen	164/186	212/216	258/272
	male	176	204	248
P31 (CW)	queen	174/184	186/214	246/248
	male	172	220	246
P32 (CW) †	queen	170/172	192/206	246/250
	male	184	198	284

Table S12 Calculated genotype for the respective queen and the corresponding male for *M. analis* colonies 2019 (Matesoft). Each colony was assigned to the respective population (SE, SW, CE, CW) and the respective alleles of the individual loci (Meg1, Meg2, Meg3, Meg5, Meg17, Meg25) were recorded for each queen and male. Colonies marked with ‘*’ have several possible queen genotypes. Genotypes with highest possibility were chosen. Colonies marked with ‘†’ have additional alleles that were excluded of the calculation.

Genotypes of <i>Megaponera analis</i> queens/males 2019							
Colony	Gender	Meg1	Meg2	Meg3	Meg5	Meg17	Meg25
SE1*	queen	223/227	154/158	176/180	184/194	177/177	220/222
	male	225	146	178	180	189	220
SE2	queen	227/229	158/160	156/164	190/194	177/189	220/226
	male	227	158	180	192	177	220
SE3*	queen	223/227	154/158	176/180	184/194	177/177	220/222
	male	225	146	178	180	189	220
SE4	queen	229/231	158/162	176/178	182/186	177/189	222/226
	male	223	158	178	188	177	224
SE5	queen	221/227	158/158	178/180	192/192	189/193	218/222
	male	227	158	169	190	177	222
SE6	queen	223/229	158/158	164/178	184/188	177/177	222/226
	male	227	158	178	192	177	208
SE7*	queen	223/227	154/158	176/180	184/194	177/177	220/222
	male	225	146	178	180	189	220
SE8†	queen	225/229	150/158	176/180	192/194	177/189	218/222
	male	225	158	178	188	177	222
SE9*†	queen	223/229	146/160	180/180	188/192	177/177	222/224
	male	229	158	158	196	189	206
SE10*†	queen	223/227	152/168	156/178	180/190	177/177	218/220
	male	227	152	182	192	177	222
SW1	queen	225/229	152/156	156/178	184/188	177/189	218/220
	male	227	158	178	194	177	220
SW2*	queen	223/223	152/156	156/178	190/190	177/177	220/220
	male	229	152	166	184	177	218
SW3†	queen	223/229	152/160	164/178	186/194	177/193	208/220
	male	229	160	180	188	177	220
SW4*†	queen	221/227	154/156	162/180	190/194	177/177	220/220
	male	223	158	178	190	177	222
SW5*	queen	225/229	152/156	176/178	184/188	177/177	218/220
	male	229	156	158	188	189	220
SW6*	queen	223/223	152/170	176/178	188/194	177/177	218/220
	male	229	158	164	188	177	222
SW7*	queen	225/229	152/156	176/178	184/188	177/177	218/220
	male	229	156	158	188	177	220
SW8*†	queen	227/229	152/160	158/166	186/192	177/177	220/220
	male	229	152	178	194	177	226
SW9*	queen	223/223	152/156	158/178	190/190	177/177	220/220
	male	229	152	166	184	177	218
SW10*	queen	225/227	158/158	78/180	188/194	177/189	220/220
	male	227	152	178	190	177	222
CE1*†	queen	223/229	160/172	176/178	182/192	177/177	220/232

	male	223	154	156	188	177	220
CE2*	queen	229/229	158/160	160/178	188/190	177/177	220/222
	male	227	152	178	188	177	220
CE3*	queen	225/227	158/158	162/178	188/190	177/189	220/222
	male	227	152	158	184	177	214
CE4*†	queen	223/229	154/154	156/160	188/192	177/177	220/232
	male	223	158	176	182	177	220
CE5	queen	223/233	156/164	176/178	182/188	177/189	220/224
	male	225	160	160	188	177	220
CE6*†	queen	227/229	152/160	156/178	188/188	177/177	220/222
	male	229	156	178	194	177	222
CE7	queen	225/227	152/158	156/180	184/190	177/189	214/222
	male	223	162	156	188	177	222
CE8*†	queen	223/229	152/154	152/160	182/186	177/177	214/222
	male	241	158	182	190	189	222
CE9*†	queen	223/229	154/154	178/178	182/192	177/177	220/232
	male	223	172	158	188	177	220
CE10*†	queen	223/225	152/154	178/182	182/188	177/177	220/222
	male	221	160	156	190	177	222
CW1*	queen	229/229	152/152	180/180	184/184	177/177	220/220
	male	227	156	158	182	189	232
CW2*†	queen	227/229	152/154	178/178	184/190	177/189	220/222
	male	223	160	176	190	177	222
CW3†	queen	221/223	156/164	178/182	182/186	177/177	220/220
	male	229	152	178	184	177	220
CW4	queen	223/229	158/160	158/178	184/188	177/189	220/222
	male	223	158	156	196	177	216
CW5	queen	223/223	158/160	178/180	192/200	177/189	220/222
	male	223	158	158	188	177	220
CW6*†	queen	225/233	154/154	156/176	182/194	177/177	208/222
	male	223	168	176	188	177	232
CW7†	queen	223/225	158/168	162/180	188/192	177/177	226/232
	male	225	156	176	190	177	220
CW8†	queen	225/227	154/158	162/180	188/190	177/189	212/218
	male	227	158	176	190	177	208
CW9	queen	223/227	154/158	162/182	188/190	177/177	220/222
	male	229	152	176	188	177	222
CW10*	queen	223/229	158/158	162/180	190/190	177/177	222/230
	male	225	152	176	190	177	222

Table S13 Calculated genotype for the respective queen and the corresponding male for *M. analis* colonies 2017. Each colony was assigned to the respective population (SE, SW, CE, CW) and the respective alleles of the individual loci (Meg1, Meg2, Meg3, Meg5, Meg17, Meg25) were recorded for each queen and male. Colonies marked with ‘*’ have several possible queen genotypes. Genotypes with highest possibility were chosen (Matesoft). Colonies marked with ‘†’ have additional alleles that were excluded of the calculation.

Genotypes of <i>Megaponera analis</i> queens/males 2017							
Colony	Gender	Meg1	Meg2	Meg3	Meg5	Meg17	Meg25
SE17-1	queen	223/225	160/166	162/178	180/190	177/193	202/202
	male	227	162	178	188	177	202
SE17-3*†	queen	229/229	158/160	178/180	188/190	177/177	222/222
	male	231	158	164	184	177	222
SE17-4*	queen	223/225	158/158	180/190	188/190	177/177	218/224
	male	227	172	178	188	177	208
SE17-5*†	queen	223/225	158/158	156/162	188/190	177/193	218/220
	male	225	160	178	188	177	220
SE17-6*	queen	223/227	154/162	176/178	188/190	177/189	220/220
	male	227	150	178	192	189	218
SE17-7†	queen	227/229	154/162	164/178	180/190	177/189	220/220
	male	227	156	180	184	177	220
SE17-8*	queen	223/225	158/158	178/178	188/190	177/177	218/224
	male	227	172	180	188	177	208
SE17-9*†	queen	225/229	152/154	164/178	190/190	177/193	220/220
	male	223	158	156	196	177	222
SE17-1*	queen	223/227	158/166	178/182	182/194	177/177	208/220
	male	227	152	180	190	189	220
SW17-2*	queen	223/229	152/174	178/180	188/190	177/177	222/226
	male	225	162	156	188	189	220
SW17-4†	queen	227/229	152/172	176/180	188/192	177/177	220/222
	male	223	158	156	192	177	220
SW17-5*	queen	227/229	158/158	178/180	188/192	177/189	222/230
	male	227	156	180	196	177	220
SW17-6†	queen	229/233	152/160	158/158	188/190	177/177	220/230
	male	225	156	156	196	177	220
SW17-7*	queen	223/229	158/166	156/178	184/188	177/189	220/220
	male	223	156	182	190	177	218
SW17-8†	queen	227/227	154/160	174/176	182/192	177/189	218/220
	male	227	158	178	188	177	220
SW17-9*†	queen	225/227	158/160	176/178	192/192	177/189	212/222
	male	225	158	178	194	177	220
SW17-10	queen	225/229	158/158	176/178	182/196	177/189	218/220
	male	227	158	180	188	189	220
SW17-11*†	queen	225/229	158/174	178/178	180/188	177/189	218/220
	male	227	154	180	182	193	220
CE17-1*	queen	223/229	156/158	156/158	188/194	177/189	220/222
	male	227	158	178	188	177	220
CE17-2*	queen	225/229	150/154	178/180	186/194	177/189	214/222
	male	227	158	180	182	189	222
CE17-3*†	queen	223/225	150/152	180/182	190/194	177/189	220/226
	male	229	152	176	188	189	220
CE17-4*	queen	229/233	152/158	156/166	182/190	177/189	214/220

	male	229	154	176	190	177	226
CE17-5*†	queen	223/229	152/158	176/178	188/192	177/177	222/222
	male	219	172	156	192	177	216
CE17-6†	queen	223/223	152/164	156/166	192/194	177/189	216/226
	male	223	158	176	182	177	226
CE17-7*	queen	225/229	152/158	176/178	188/188	177/189	220/226
	male	223	172	156	194	177	216
CE17-8	queen	227/229	154/158	156/176	186/188	177/189	212/220
	male	223	152	180	186	177	222
CE17-9†	queen	219/227	152/158	178/184	182/188	177/189	216/220
	male	223	152	176	196	177	218
CE17-10*	queen	223/229	154/158	178/186	192/194	177/177	220/226
	male	227	158	156	196	189	222
CW17-1	queen	223/229	152/158	156/180	180/190	177/189	220/230
	male	223	152	176	188	189	226
CW17-2*	queen	223/229	154/156	178/178	184/194	177/177	222/222
	male	223	156	182	204	193	214
CW17-3*	queen	227/229	152/172	176/178	196/198	177/189	220/220
	male	223	158	180	194	189	222
CW17-4	queen	223/229	154/156	174/182	188/194	177/189	218/230
	male	229	158	180	190	189	224
CW17-5*	queen	227/229	156/158	156/156	186/188	177/177	222/226
	male	229	160	176	194	177	230
CW17-6*	queen	229/229	152/158	156/176	182/190	177/189	218/220
	male	229	162	160	190	177	220
CW17-7*	queen	227/229	158/166	162/178	190/190	177/189	208/216
	male	227	158	180	204	177	220
CW17-8*	queen	229/229	150/152	156/176	188/188	177/189	220/220
	male	223	152	156	180	189	222
CW17-9*†	queen	227/227	154/158	156/180	192/194	177/189	220/222
	male	229	162	180	182	177	220
CW17-10*†	queen	227/229	152/154	178/178	186/194	177/193	218/222
	male	227	156	178	188	193	220

Table S14 Genotypes of 12 *M. analis* males, collected from one colony.

Male	Meg1	Meg2	Meg3	Meg5	Meg6	Meg17	Meg25	Meg26	Meg27
1	229	162	163	190	186	-	189	-	229
2	229	162	178	190	-	202	-	-	229
3	227	162	163	190	171	202	189	220	227
4	229	154	178	180	171	202	189	220	229
5	227	-	163	190	186	-	189	220	227
6	229	162	163	180	186	202	189	220	229
7	229	154	178	-	186	202	176	220	229
8	227	162	178	190	186	202	189	220	227
9	227	154	163	190	171	202	176	220	227
10	227	154	163	-	171	-	176	-	227
11	227	162	163	180	186	202	176	220	227
12	227	162	163	190	186	202	176	-	227

Table S15: 10 and 20 datasets of calculated F_{IS} and F_{ST} with the respective 95% CI range bootstrapped over loci for *M. analis* colonies collected in 2017 and 2019

FST <i>M. analis</i> 2017	95% CI Range	FIS <i>M. analis</i> 2017	95% CI Range	FST <i>M. analis</i> 2019	95% CI Range	FIS <i>M. analis</i> 2019	95% CI Range
0.020	0.002 - 0.046	-0.033	-0.067 - 0.003	0.035	0.015 - 0.056	-0.037	-0.107 - 0.023
0.020	0.004 - 0.038	-0.000	-0.063 - 0.081	0.032	0.022 - 0.042	-0.007	-0.120 - 0.098
0.030	0.007 - 0.056	-0.054	-0.107 - -0.007	0.033	0.018 - 0.052	-0.062	-0.140 - 0.012
0.018	0.006 - 0.029	-0.039	-0.095 - 0.010	0.041	0.015 - 0.061	-0.013	-0.088 - 0.045
0.012	-0.001 - 0.027	-0.065	-0.139 - 0.013	0.018	0.003 - 0.033	-0.017	-0.087 - 0.052
0.009	-0.007 - 0.025	-0.024	-0.049 - 0.001	0.026	-0.010 - 0.057	-0.052	-0.137 - 0.033
0.010	-0.002 - 0.029	-0.062	-0.146 - 0.000	0.022	0.007 - 0.036	-0.060	-0.132 - -0.009
0.024	0.006 - 0.047	0.011	0.001 - 0.021	0.017	-0.004 - 0.033	-0.019	-0.081 - 0.038
0.020	0.010 - 0.032	-0.080	-0.135 - -0.027	0.030	0.008 - 0.061	-0.034	-0.103 - 0.034
0.010	-0.010 - 0.028	-0.014	-0.097 - 0.077	0.020	0.007 - 0.030	-0.048	-0.133 - 0.021
				0.037	0.002 - 0.071	-0.031	-0.107 - 0.021
				0.022	-0.006 - 0.041	-0.060	-0.105 - 0.001
				0.022	-0.001 - 0.042	-0.026	-0.0123 - 0.062
				0.012	-0.008 - 0.026	-0.067	-0.135 - -0.011
				0.014	-0.006 - 0.032	-0.044	-0.123 - 0.018
				0.035	0.010 - 0.057	-0.047	-0.098 - -0.003
				0.028	0.012 - 0.046	-0.074	-0.140 - -0.019
				0.030	0.010 - 0.054	-0.025	-0.110 - 0.077
				0.015	0.000 - 0.032	-0.036	-0.144 - 0.044
				0.024	-0.004 - 0.049	-0.004	-0.094 - 0.077

Tab. S16: F-statistics results consisting of the mean values of the 10 or 20 data sets of the respective populations (*M. analis* 2017/2019 and *P. tarsatus* 2019). Listed results for F_{IS} per population (overall), Nei's Estimation of heterozygosity (H_O , H_E , F_{ST} , F_{IS}), Weir Cockerham F_{ST} and F_{IS} , bootstrapping over loci (F_{ST} & F_{IS} means and standard errors) and pairwise test of differentiation of the population from the investigated four different sampling areas. Bootstrapping over loci was not feasible for *P. tarsatus* with a loci number of three.

<i>Megaponera analis</i> 2017					<i>Megaponera analis</i> 2019					<i>Paltothyreus tarsatus</i> 2019				
F_{IS} Per Population (overall)					F_{IS} Per Population (overall)					F_{IS} Per Population (overall)				
	-0.026	-0.061	-0.048	-0.006		-0.037	-0.085	-0.021	0.028		0.043	0.149	0.082	0.029
All	(SE)	(SW)	(CE)	(CW)	All	(SE)	(SW)	(CE)	(CW)	All				
Nei's estimation of heterozygosity					Nei's estimation of heterozygosity					Nei's estimation of heterozygosity				
H_O	0.7755				H_O	0.724				H_O	0.813			
H_E	0.7493				H_E	0.704				H_E	0.880			
F_{ST}	0.0135				F_{ST}	0.017				F_{ST}	-0.0036			
F_{IS}	0.018				F_{IS}	-0.027				F_{IS}	0.0767			
Weir & Cockerham F_{ST} and F_{IS}					Weir & Cockerham F_{ST} and F_{IS}					Weir & Cockerham F_{ST} and F_{IS}				
F_{ST}	0.0173				F_{ST}	0.021				F_{ST}	-0.0043			
F_{IS}	-0.036				F_{IS}	-0.028				F_{IS}	0.0776			
Pairwise test of Differentiation Indicative adjusted nominal level (5%) for multiple comparisons is: 0.008333					Pairwise test of Differentiation Indicative adjusted nominal level (5%) for multiple comparisons is: 0.008333					Pairwise test of Differentiation Indicative adjusted nominal level (5%) for multiple comparisons is: 0.008333				
	SW	CE	CW			SW17	CE17	CW17			SW	CE	CW	
SE	0.673	0.028	0.142		SE17	0.058	0.111	0.190		SE	0.649	0.532	0.572	
SW		0.184	0.207		SW17		0.091	0.277		SW		0.629	0.57	
CE			0.213		CE17			0.456		CE			0.486	
95% Confidence interval bootstrapped over loci					95% Confidence interval bootstrapped over loci					95% Confidence interval bootstrapped over loci				
F_{IS}	-0.089				F_{IS}	-0.101				F_{IS}	-			
Std. Error	0.0172				Std. Error	0.041				Std. Error	-			
F_{ST}	0.0015				F_{ST}	-0.001				F_{ST}	-			
Std. Error	0.0357				Std. Error	0.042				Std. Error	-			

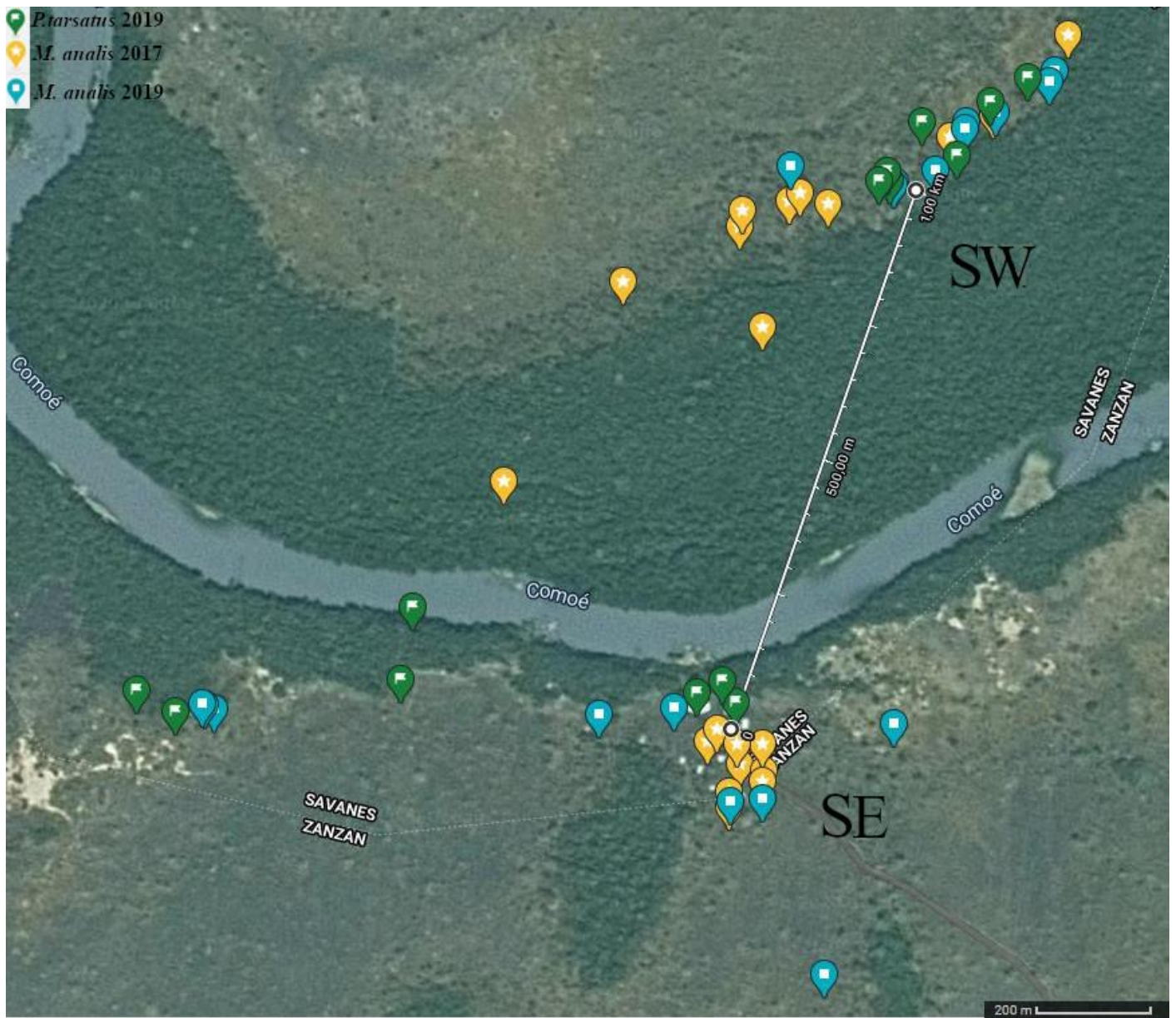


Figure S1 Geographical illustration of the collecting areas for population SW and SE in Comoé National Park, Ivory Coast. Population SW on the west river side and SE on the opposite, east river side. Distance between those two collecting areas is approximately 1000 meter. All colonies collected from different years were marked with different colors and symbols. Green flags indicate the *P. tarsatus* colonies from 2019. Yellow stars stand for *M. analis* from 2017 and most recently blue rectangles for *M. analis* colonies collected in 2019.

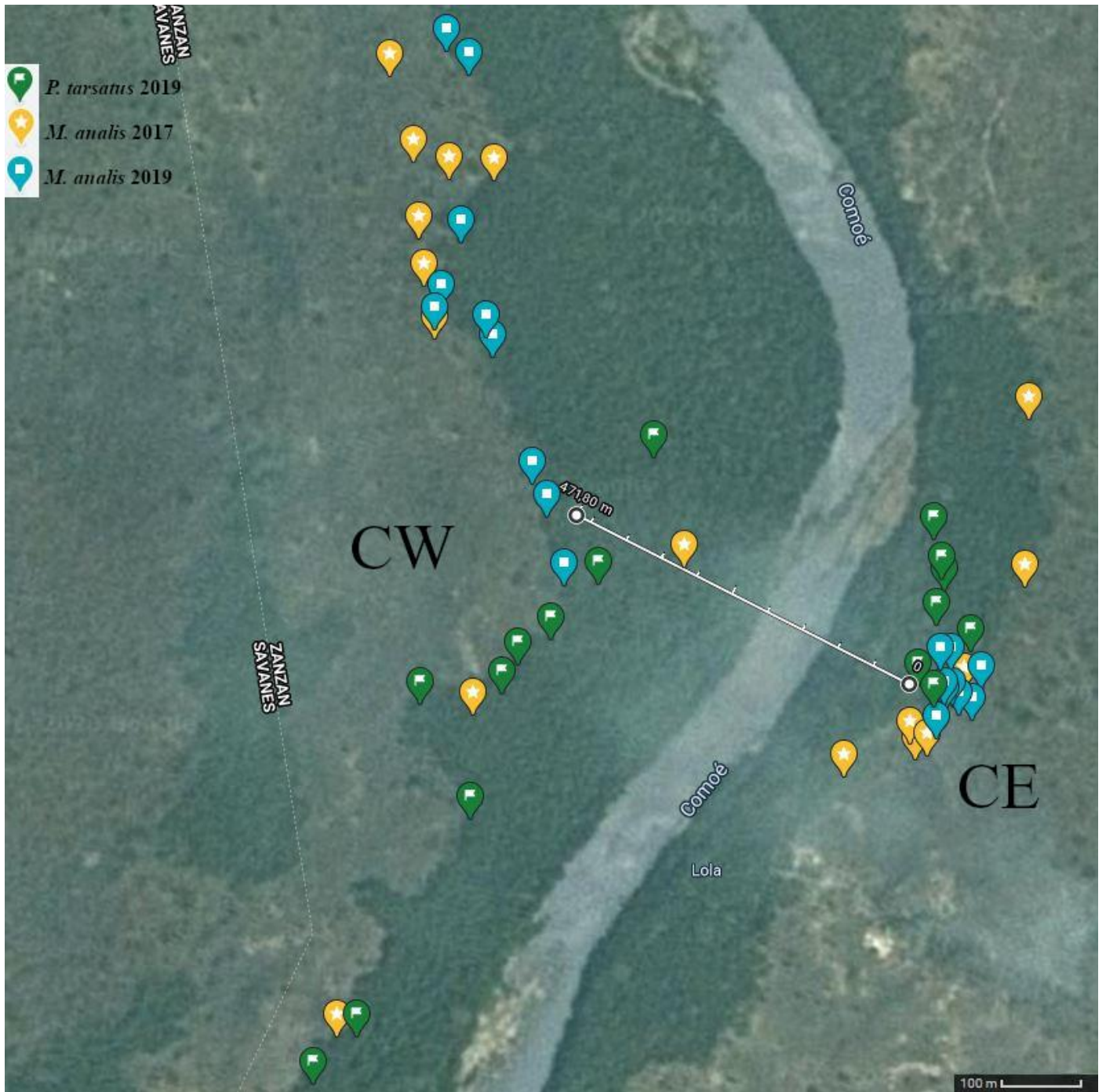


Figure S2 Geographical illustration of the collection areas for population CW / CE in Comoé National Park, Ivory Coast. Population CW on the west river side and CE on the opposite, east river side. Distance between those two collecting areas is approximately 470 Meter. All colonies collected from different years were marked with different colors and symbols. Green flags indicate the *P. tarsatus* colonies from 2019. Yellow stars stand for *M. analis* from 2017 and most recently blue rectangles for *M. analis* colonies collected in 2019.

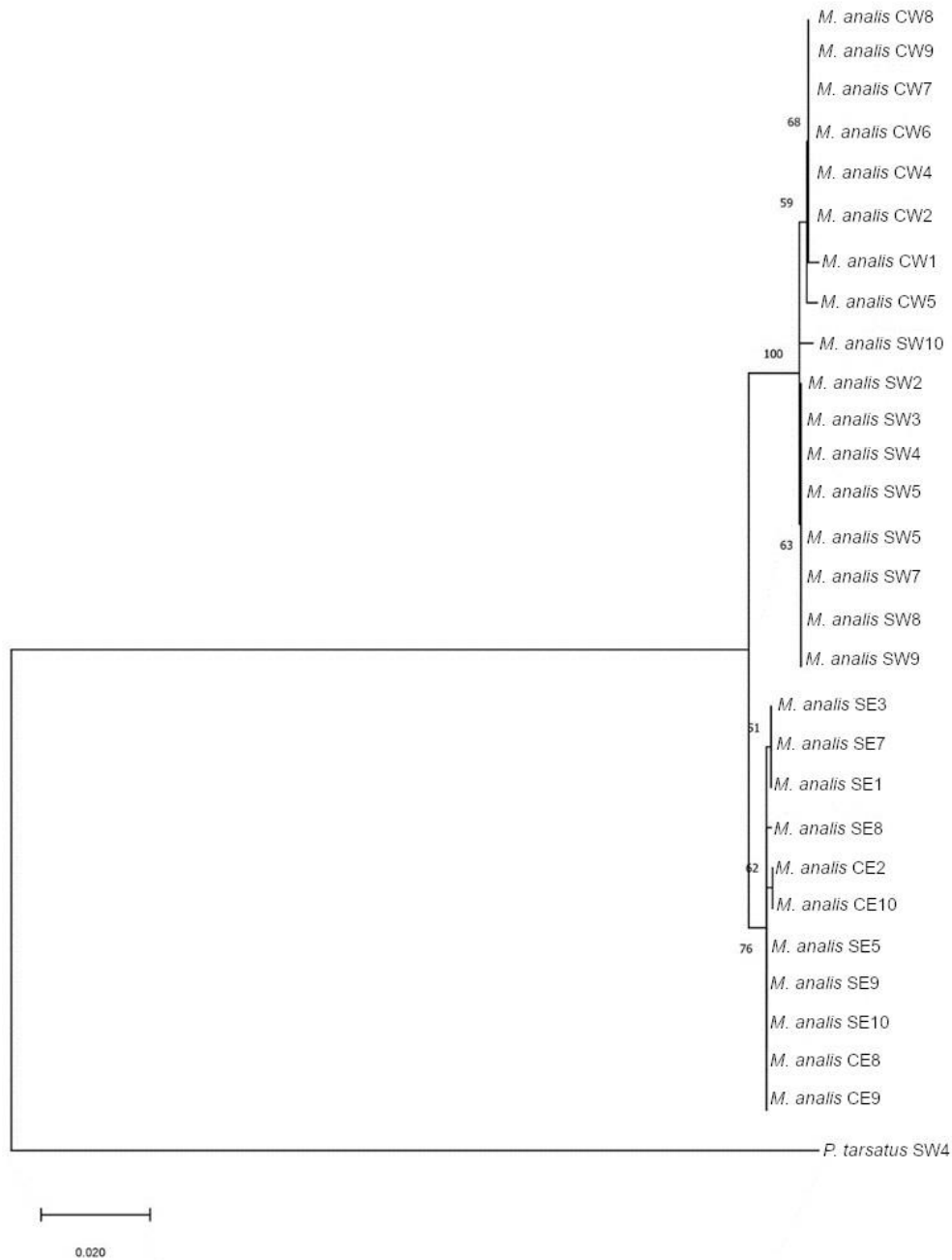


Figure S3 Calculated neighbor-joining tree of concatenated sequences (COI + cytoB) of *M. analis* colonies collected in 2019. Populations are divided in SW, SE, CE, CW and reflect the respective populations of the two collection areas. Sequence of *P. tarsatus* SW4 serves as an outgroup. Substructure cluster of populations SW / CW and SE / CE with a bootstrap value of 100 and 76, respectively. Differentiation of populations SW and CW with bootstrap values in the respective clusters are between 59-68 for SW / CW and 51 – 76 for SE / CE.

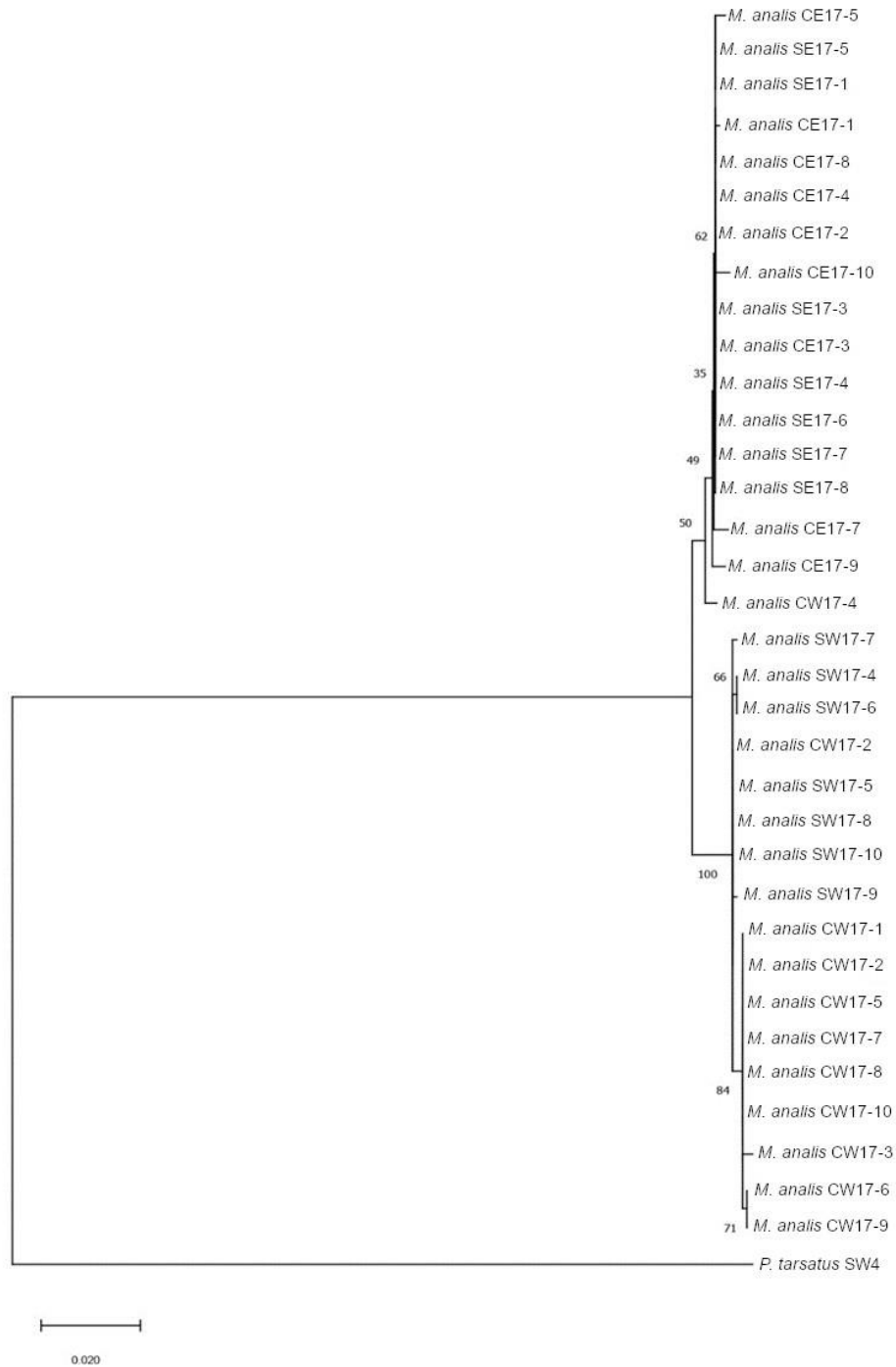


Figure S4 Calculated neighbor-joining tree of concatenated sequences (COI + CytoB) of *M. analis* colonies collected in 2017. Populations are divided into SW17, SE17, CE17, CW17 and reflect the respective population in the two collection areas. Sequence of *P. tarsatus* SW4 serves as an outgroup. Substructure cluster of populations SE / CE and SW / CW with a bootstrap value of 10. Differentiation of populations SW17 and CW17 with bootstrap values in the respective clusters are between 66-84 for SW / CW and 35 - 62 for SE / CE.



Figure S5 Calculated neighbor-joining tree of concatenated sequences (COI + cytoB) of all *M. analis* colonies collected in 2017 and 2019. Populations are divided into SW, SE, CE, CW and reflect the respective populations in the two collection areas. Additional abbreviation “17” to samples from 2017. *M. analis* MZ colonies, originating from Mozambique, serves as an intraspecific outgroup. Overall, the population substructure divided into 3 main clusters. The respective river sides with populations SW, SE, CE, CW as well as the MZ group. *M. analis* MZ cluster, as well as the SW / CW cluster, have a bootstrap value of 99. Bootstrap values in the respective substructures are between 41 to 63 for SW / CW, 56 for SE / CE. Sequence of *P. tarsatus* SW4 serves as an outgroup.

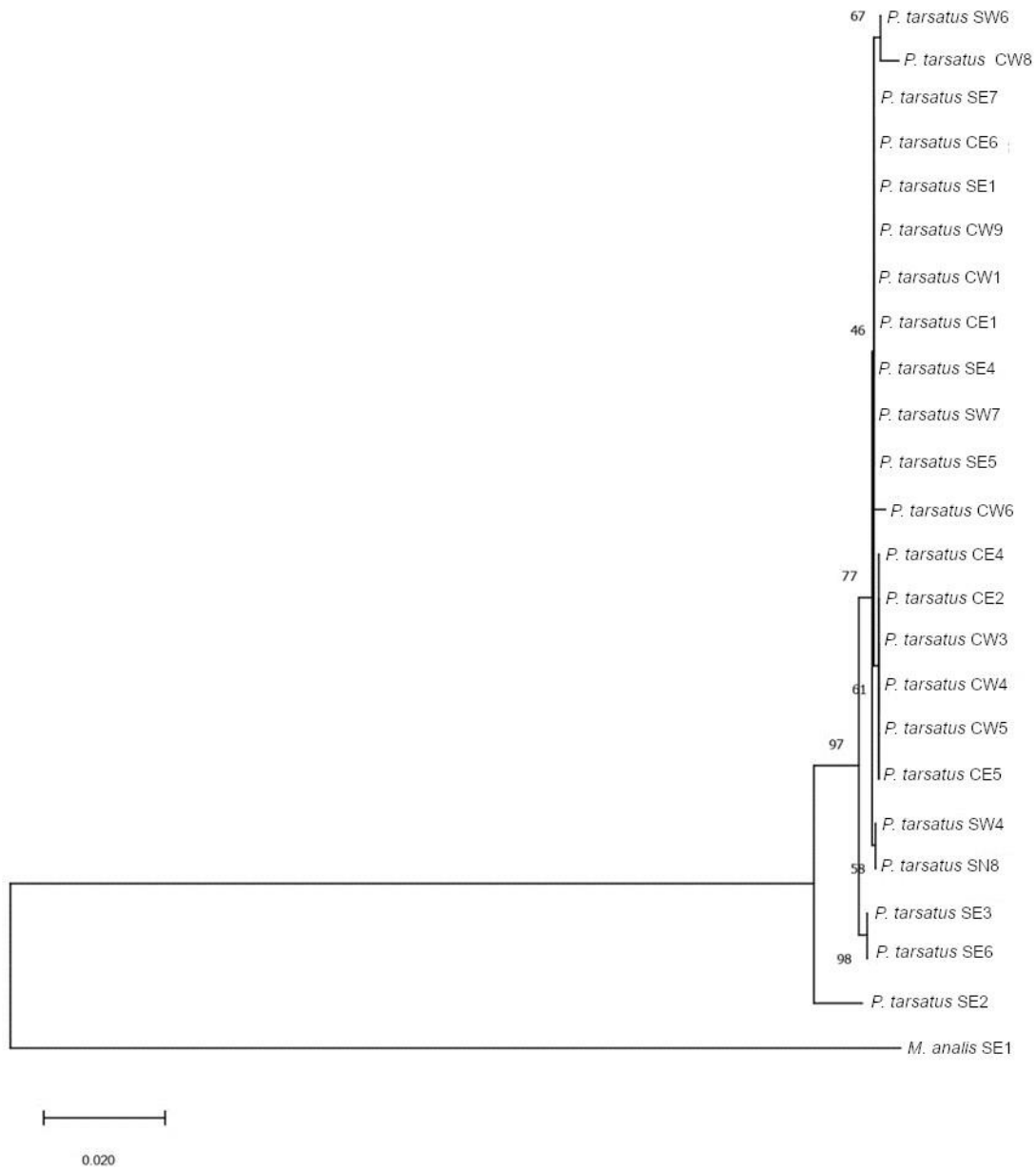


Figure S6 Calculated neighbor-joining tree of concatenated sequences (COI + cytoB) of *P. tarsatus* colonies collected in 2019. Populations are divided into SW, SE, CE, CW and reflect the respective population in the two collection areas. Sequence of *M. analis* SE1 serves as an outgroup. All populations mix evenly, no substructure formation. Only the sequence of colony *P. tarsatus* SE2 differentiates itself from the other colonies with a bootstrap value of 98.

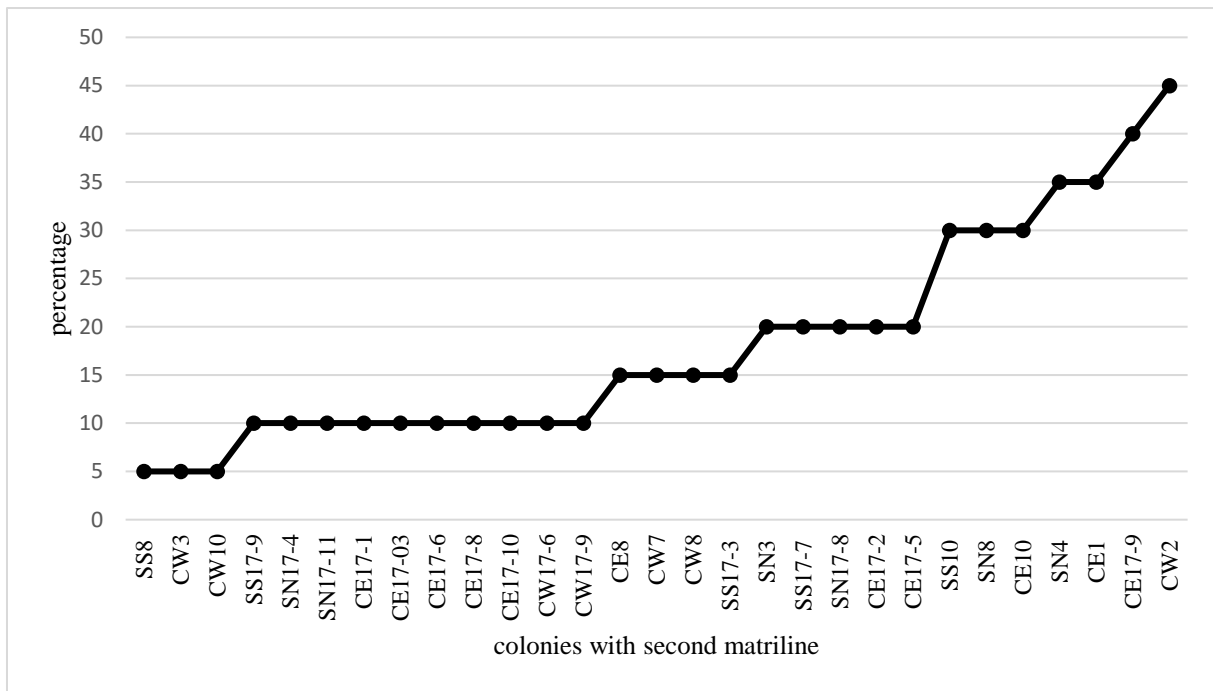


Figure S7 Percentage of workers from a second matriline in 29 *M. analis* colonies. These workers are remnants of previous fission events.

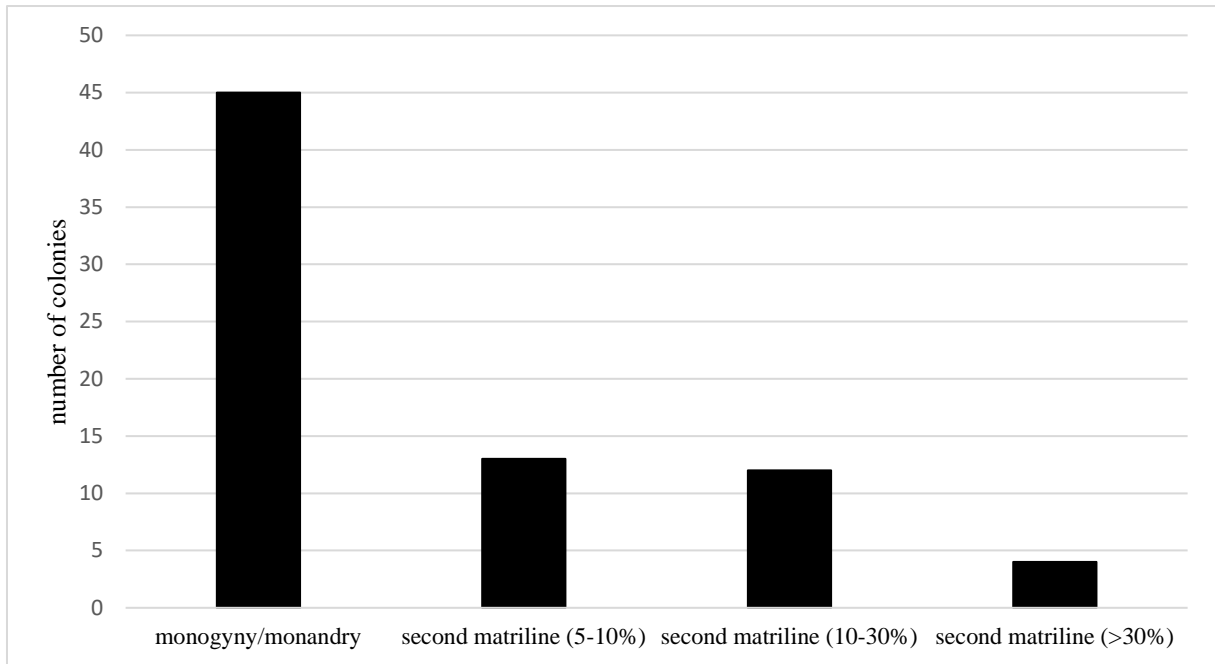


Figure S8 Numbers of *M. analis* colonies with workers from a single matriline and colonies with workers from an additional matriline.