Data ID	novoplasty	mitoz	mitobim
1	ID1_COI_1510bp.fasta_23_Ow_C_1_U1_Annelida.result	1_1x_Annelida_21.result 2280 3789 >C237799;len=15342;topology=linear	ID1_COI_1510bp.fasta_MitoBim_Annelida.result
	ID1_COI_1510bp.fasta_24_Ow_C_1_U1_Annelida.result	1_1x_Annelida_22.result 2056 3565 >C247958;len=15120;topology=linear	
	ID1_COI_1510bp.fasta_25_Ow_C_1_U1_Annelida.result	1_1x_Annelida_23.result 2056 3565 >C247958;len=15120;topology=linear	
	ID1_COI_1510bp.fasta_26_Ow_C_1_U1_Annelida.result	1_1x_Annelida_24.result 2280 3789 >scaffold59;len=15346;topology=linear	
	ID1_COI_1510bp.fasta_27_Ow_C_1_U1_Annelida.result	1_1x_Annelida_25.result 2280 3789 >scaffold59;len=15346;topology=linear	
	ID1_COI_1510bp.fasta_28_Ow_C_1_U1_Annelida.result	1_1x_Annelida_26.result 2280 3789 >scaffold77;len=15348;topology=linear	
	ID1_COI_1510bp.fasta_29_Ow_C_1_U1_Annelida.result	1_1x_Annelida_27.result 2280 3789 >scaffold72;len=15348;topology=linear	
	ID1_COI_1510bp.fasta_30_Ow_C_1_U1_Annelida.result	1_1x_Annelida_28.result 2280 3789 >C257070;len=12570;topology=linear	

	ID1_COI_1510bp.fasta_31_Ow_C_1_U1_Annelida.result	1_1x_Annelida_29.result 2280 3789 >C257070;len=12570;topology=linear	
	ID1_COI_1510bp.fasta_32_Ow_C_1_U1_Annelida.result	1_1x_Annelida_30.result 2280 3789 >scaffold94;len=15352;topology=linear	
	ID1_COI_1510bp.fasta_33_Ow_C_1_U1_Annelida.result	1_1x_Annelida_31.result 2280 3789 >scaffold95;len=15352;topology=linear	
		1_1x_Annelida_32.result 2280 3789 >scaffold100;len=15354;topology=linear	
		1_1x_Annelida_33.result 2280 3789 >scaffold100;len=15354;topology=linear	
		1_1x_Annelida_34.result 2280 3789 >scaffold449;len=15231;topology=linear	
		1_1x_Annelida_35.result 2280 3789 >scaffold441;len=15231;topology=linear	
		1_1x_Annelida_36.result 2280 3789 >C208939;len=12535;topology=linear	
		1_1x_Annelida_37.result 2280 3789 >C208939;len=12535;topology=linear	
		1_1x_Annelida_38.result 2280 3789 >C208939;len=12535;topology=linear	
		1_1x_Annelida_39.result 8748 10257 >C188154;len=12535;topology=linear	
		1_5x_Annelida_23.result 2056 3565 >C247958;len=15120;topology=linear	
		1_5x_Annelida_39.result 8748 10257 >C188154;len=12535;topology=linear	

		work31_1.result (multi-kmer) 2280 3789 >scaffold95;len=15352;topology=linear	

Data ID	novoplasty	mitoz	mitobim
2	2_all_COI.result 3183 4717 （clean） >Contig01+6869131;len=15202;topology=linear	2_1x_Annelida.result (default setting) 10487 12021 >C15941;len=15202;topology=linear	2_T1_Nep_MitoBim_Annelida.result 13652 15186 >EU293739.1;len=19483;topology=linear
	2_BOLD.result 3183 4717 >Contig01+3235162;len=15202;topology=linear	2_1x_Annelida_21.result 10487 12021 >C250954;len=15025;topology=linear	ID2-COI_matched_MitoBim_Annelida.result 3254 4802 >AY839585.1;len=14411;topology=linear
	2_NCBI.result 3183 4717 >Contig01+3235162;len=15202;topology=linear	2_1x_Annelida_22.result 3006 4540 >C255326;len=15025;topology=linear	2_T1_Gj_MitoBim_Annelida.result 336 1870 or <345 1534 >NC_026995.1;len=15819;topology=linear
	2_own_COI_clean.result 3183 4717 >Contig01+2231942;len=15202;topology=linear	2_1x_Annelida_23.result 3006 4540 >C255326;len=15025;topology=linear	ID2_COI_1549bp.fasta_MitoBim_Annelida.result
	2_Partial_17.result 3183 4717 >Contig01+9734251;len=15202;topology=linear	2_1x_Annelida_24.result 10487 12021 >C256406;len=15025;topology=linear	
	2_Partical_40.result 3183 4717 >Contig01+9734251;len=15202;topology=linear	2_1x_Annelida_25.result 10487 12021 >C256406;len=15025;topology=linear	
	COI_ID2_35_OW_C_2_U1_Annelida.result 3183 4717 >Contig01+9747181;len=15202;topology=linear	2_1x_Annelida_26.result 3183 4717 >C255727;len=15202;topology=linear	
	COI_ID2_36_OW_C_2_Annelida.result 3183 4717 >Contig01+3238742;len=15202;topology=linear	2_1x_Annelida_27.result 3183 4717 >C255727;len=15202;topology=linear	
	COI_ID2_37_OW_C_2_U1_Annelida.result 3183 4717 >Contig01+3237632;len=15202;topology=linear	2_1x_Annelida_28.result 3183 4717 C255800;len=15202;topology=linear	
	COI_ID2_38_OW_C_2_Annelida.result 3183 4717	2_1x_Annelida_29.result 3183 4717 >C255800;len=15202;topology=linear	

	>Contig01+3236402;len=15202;topology=linear		
	COI_ID2_39_OW_C_2_U1_Annelida.result 3183 4717 >Contig01+3235162;len=15202;topology=linear	2_1x_Annelida_30.result 10487 12021 >C249707;len=15202;topology=linear	
	Ap_a_23_Ow_C_2_Annelida.result 3189 4723 >Contig01+10105921;len=15209;topology=linear	2_1x_Annelida_31.result 10487 12021 >C249707;len=15202;topology=linear	
	Nep_p_23_Ow_C_2_Annelida.result 3189 4723 >Contig01+10105921;len=15209;topology=linear	2_1x_Annelida_32.result 3183 4717 >C235457;len=15202;topology=linear	
	apple_2_23_Annelida.result 3189 4723 >Contig01+10105921;len=15209;topology=linear	2_1x_Annelida_33.result 3183 4717 >C235457;len=15202;topology=linear	
	apple_2_39_Annelida.result 3183 4717 >Contig01+9808062;len=15202;topology=linear	2_1x_Annelida_34.result 3183 4717 >C219451;len=15202;topology=linear	
	ID2_COI_1549bp.fasta_23_Ow_C_2_Annelida.result	2_1x_Annelida_35.result 3183 4717 >C219451;len=15202;topology=linear	
	ID2_COI_1549bp.fasta_24_Ow_C_2_Annelida.result	2_1x_Annelida_36.result 3183 4717 >C204199;len=15202;topology=linear	
	ID2_COI_1549bp.fasta_25_Ow_C_2_U1_Annelida.result	2_1x_Annelida_37.result 3183 4717 >C204199;len=15202;topology=linear	
	ID2_COI_1549bp.fasta_26_Ow_C_2_Annelida.result	2_1x_Annelida_38.result 10487 12021 >C186017;len=15202;topology=linear	
	ID2_COI_1549bp.fasta_27_Ow_C_2_U1_Annelida.result	2_1x_Annelida_39.result 10487 12021 >C186017;len=15202;topology=linear	

	ID2_COI_1549bp.fasta_28_Ow_C_2_Annelida.result	2_5x_Annelida.result (default setting) 10487 12021 >C15941;len=15202;topology=linear	
	ID2_COI_1549bp.fasta_29_Ow_C_2_U1_Annelida.result	2_5x_Annelida_23.result 3006 4540 >C255326;len=15025;topology=linear	
	ID2_COI_1549bp.fasta_30_Ow_C_2_Annelida.result	2_5x_Annelida_39.result 10487 12021 >C186017;len=15202;topology=linear	
	ID2_COI_1549bp.fasta_31_Ow_C_2_U1_Annelida.result	2_10x_Annelida.result (default setting) 10487 12021 >C15941;len=15202;topology=linear	
	ID2_COI_1549bp.fasta_32_Ow_C_2_Annelida.result	banana_2.result 10487 12021 >C16731;len=15202;topology=linear	
	ID2_COI_1549bp.fasta_33_Ow_C_2_U1_Annelida.result	banana_2_0x_clean.result 10487 12021 >C16249;len=15202;topology=linear	
	ID2_COI_1549bp.fasta_39_Ow_C_2_U1_Annelida.result	banana_2_1x_clean.result 10487 12021 >C16249;len=15202;topology=linear	
		banana_2_5x.result 10487 12021 >C16769;len=15202;topology=linear	

Data ID	novoplasty	mitoz	mitobim
3			3_mapping_Gj_MitoBim_Annelida.result <658 1526
			ID3_Of-COI_test_MitoBim_Annelida.result <3 888
			ID3_GU672539.1-COI_MitoBim_Annelida.result 232 1777
			3_COI_MitoBim_Annelida.result <622 1510
			3_T1_Gj_MitoBim_Annelida.result <658 1526
			3_T1_Of_MitoBim_Annelida.result 830 >1268 or <680 >992
			ID3_COI_1546bp.fasta_MitoBim_Annelida.result

Data ID	novoplasty	mitoz	mitobim
4	COI_ID4_MG270118.1_23_OW_C_4_Annelida.result <1 >601 >Contig01+790621;len=602;topology=linear		ID4_MG270118.1-COI_MitoBim_Annelida.result 415 1973 >MG270118.1;len=6282;topology=linear
	4_own_COI.result <1 >601 >Contig01+5293721;len=602;topology=linear		4_COI_MitoBim_Annelida.result 415 1973 >MG270118.1;len=6282;topology=linear
	apple_4_23_Annelida.result <1 >601 >Contig01+790621;len=602;topology=linear		4_T1_Ev_MitoBim_Annelida.result 4774 >5758 >EU239687.1;len=13749;topology=linear
	ID4_COI_1559bp_23_Ow_C_4_Annelida.result		4_T1_Of_MitoBim_Annelida.result 74 >1007 >NC_028712.1;len=16204;topology=linear
	ID4_COI_1559bp_24_Ow_C_4_Annelida.result		4_T1_Pc_MitoBim_Annelida.result 289 >985 or 415 >1342 >EU239688.1;len=15925;topology=linear
	ID4_COI_1559bp_25_Ow_C_4_Annelida.result		4_T1_Ts_MitoBim_Annelida.result 703 1955 or 52 >379 >EU236701.1;len=16160;topology=linear
	ID4_COI_1559bp_26_Ow_C_4_Annelida.result		ID4_COI_1559bp.fasta_MitoBim_Annelida.result
	ID4_COI_1559bp_27_Ow_C_4_Annelida.result		

	ID4_COI_1559bp_28_Ow_C_4_Annelida.result		
	ID4_COI_1559bp_29_Ow_C_4_U1_Annelida.result		
	ID4_COI_1559bp_30_Ow_C_4_Annelida.result		
	ID4_COI_1559bp_31_Ow_C_4_Annelida.result		
	ID4_COI_1559bp_32_Ow_C_4_Annelida.result		
	ID4_COI_1559bp_33_Ow_C_4_Annelida.result		
	ID4_COI_1559bp_39_Ow_C_4_U1_Annelida.result		

Data ID	novoplasty	mitoz	mitobim
10	Go_j_23_Ow_C_10_Annelida.result 10 1052 >Contig01+953231;len=11631;topology=linear	10_1x_Annelida_22.result 10586 12123 >C165868;len=14848;topology=linear	ID10_AY839582.1-COI_MitoBim_Annelida.result 806 2343 >AY839582.1;len=3513;topology=linear
	10_GJ.result 10 1052 >Contig01+953231;len=11631;topology=linear	10_1x_Annelida_23.result 10586 12123 >C165868;len=14848;topology=linear	10_T1_Nep_MitoBim_Annelida.result 13808 >14834 >EU293739.1;len=17234;topology=linear
	ID10_COI_1538bp_23_Ow_C_10_Annelida.result	10_5x_Annelida_23.result 10586 12123 >C165868;len=14848;topology=linear	ID10_COI_1538bp_MitoBim_Annelida.result
	ID10_COI_1538bp_24_Ow_C_10_Annelida.result		
	ID10_COI_1538bp_25_Ow_C_10_Annelida.result		
	ID10_COI_1538bp_26_Ow_C_10_Annelida.result		
	ID10_COI_1538bp_29_Ow_C_10_Annelida.result		
	ID10_COI_1538bp_39_Ow_C_10_Annelida.result		

Data ID	novoplasty	mitoz	mitobim
11			ID11_Of-COI_test_MitoBim_Annelida.result 7 >487
			ID11_AY996118.1-COI_MitoBim_Annelida.result 697 >1459
			11-697_1459-COI_MitoBim_Annelida.result 697 >1459
			11_COI_MitoBim_Annelida.result 697 >1459
			11_T1_Of_MitoBim_Annelida.result 183 >333
			11_COI_for_tree_MitoBim_Annelida.result
			11_COI_for_tree_ownCOI_MitoBim_Annelida.result

Data ID	novoplasty	mitoz	mitobim
12			ID12_EU431163.1-COI_MitoBim_Annelida.result 1111 1729
			ID12_EU431165.1-COI_MitoBim_Annelida.result 1111 1729
			ID12_EU431169.1-COI_MitoBim_Annelida.result 1111 1729
			12-1111_1729-COI_MitoBim_Annelida.result 1111 1729
			12_COI_MitoBim_Annelida.result - 11 different COI and mostly 100-300bp
			12_T1_Ct_MitoBim_Annelida.result 78 697 or 1111 >1254
			12_T1_Gj_MitoBim_Annelida.result <970 >1357
			12_T1_Nep_MitoBim_Annelida.result 11570 12188
			12_COI_for_tree_ownCOI_MitoBim_Annelida.result

Data ID	novoplasty	mitoz	mitobim
14			14_T1_Ct_MitoBim_Annelida.result 165 415 or 196 >421
			14_COI_for_tree_ownCOI_421bp_MitoBim_Annelida.result
			14_COI_for_tree_ownCOI_MitoBim_Annelida.result

Data ID	novoplasty	mitoz	mitobim
15			15_T1_Ct_MitoBim_Annelida.result 1051 1385
			15_T1_Of_MitoBim_Annelida.result 773 >1121
			15_T1_Pc_MitoBim_Annelida.result 835 >1933
			15_T1_Ts_MitoBim_Annelida.result <358 >898 or 706 >1804
			ID15_CHONE171-11-COI_MitoBim_Annelida.result 1051 >1828
			15_COI_for_tree_MitoBim_Annelida.result
			ID15_COI_1099bp_MitoBim_Annelida.result

Data ID	novoplasty	mitoz	mitobim
17	17_partial_17.result <1374 >1512 >Contig01+922932;len=1513; topology=linear		ID17_HQ024233.1-COI_MitoBim_Annelida.result <1418 2951 >HQ024233.1;len=4464;topology=linear
	apple_17_23_Annelida.result <1374 >1512 >Contig01+11058922;len=1513;topology=linear		ID17_MF121461.1-COI_MitoBim_Annelida.result <1418 2951 >MF121461.1;len=4464;topology=linear
	ID17_COI_1534bp_39_Ow_C_17_Annelida.result		17_Sa_MitoBim_Annelida.result <3083 4616 >DQ517436.1;len=12331;topology=linear
			ID17_COI_1534bp.fasta_MitoBim_Annelida.result

Data ID	novoplasty	mitoz	mitobim
18	ID18_COI_1105bp.fasta_26_Ow_C_18_Annelida.result		ID18_AY838875.1-COI_MitoBim_Annelida.result 1591 2695
	ID18_COI_1105bp.fasta_28_Ow_C_18_Annelida.result		18_COI_MitoBim_Annelida.result 1671 2709 or 370 >1024
	ID18_COI_1105bp_26_Ow_C_18_Annelida.result		18_T1_Ec_MitoBim_Annelida.result 592 >1057
	ID18_COI_1105bp_28_Ow_C_18_Annelida.result		ID18_COI_1105bp_MitoBim_Annelida.result

Data ID	novoplasty	mitoz	mitobim
19			ID19_MG270116.1-COI_MitoBim_Annelida.result 864 2400
			19_COI_MitoBim_Annelida.result 136 1513 or <31 >739
			19_T1_Ev_MitoBim_Annelida.result <5159 6312
			19_T1_Of_MitoBim_Annelida.result <659 1032
			19_T1_Pc_MitoBim_Annelida.result <385 >1150 or 751 1537
			19_T1_Ts_MitoBim_Annelida.result <385 >544 or <385 >568
			19_mapping_MitoBim_Annelida.result <385 >1150 or 751 1537
			19_test_MitoBim_Annelida.result <385 >1150 or 751 1537
			ID19_COI_1537bp_MitoBim_Annelida.result

Data ID	novoplasty	mitoz	mitobim
20	ID20_COI_3391bp_23_Ow_C_20_U1_Annelida.result		ID20_GU179412.1-COI_MitoBim_Annelida.result 548 3938 >GU179412.1;len=4942;topology=linear
	ID20_COI_3391bp_24_Ow_C_20_U1_Annelida.result		20_Nep_MitoBim_Annelida.result 11914 15304 >EU293739.1;len=17681;topology=linear
	ID20_COI_3391bp_26_Ow_C_20_Annelida.result		20_T1_Nep_MitoBim_Annelida.result 11520 14910 >EU293739.1;len=17363;topology=linear
	ID20_COI_3391bp_29_Ow_C_20_Annelida.result		20_mapping_MitoBim_Annelida.result 11520 14910 EU293739.1;len=17363;topology=linear
	ID20_COI_3391bp_32_Ow_C_20_Annelida.result		20_COI_MitoBim_Annelida.result 548 3938 >GU179412.1;len=4942;topology=linear
	ID20_COI_3391bp_33_Ow_C_20_Annelida.result		ID20_COI_3391bp_MitoBim_Annelida.result

Data ID	novoplasty	mitoz	mitobim
21	ID21_COI_1228bp_23_Ow_C_21_U1_Annelida.result		21_T1_Mm_MitoBim_Annelida.result 702 784
	ID21_COI_1228bp_24_Ow_C_21_U1_Annelida.result		21_T1_Pc_MitoBim_Annelida.result 760 1280 >NC_011011.1;len=15910;topology=linear
	ID21_COI_1228bp_25_Ow_C_21_U1_Annelida.result		21_T1_Ts_MitoBim_Annelida.result 607 >1513 >NC_011014.1;len=15763;topology=linear
	ID21_COI_1228bp_26_Ow_C_21_U1_Annelida.result		21_T1_ID34_MitoBim_Annelida.result 10563 11493 >C165868;len=14857;topology=linear
	ID21_COI_1228bp_27_Ow_C_21_U1_Annelida.result		21_COI_for_tree_MitoBim_Annelida.result
	ID21_COI_1228bp_28_Ow_C_21_U1_Annelida.result		21_COI_for_tree_ownCOI_MitoBim_Annelida.result
	ID21_COI_1228bp_29_Ow_C_21_U1_Annelida.result		ID21_COI_931bp_MitoBim_Annelida.result
	ID21_COI_1228bp_30_Ow_C_21_U1_Annelida.result		
	ID21_COI_1228bp_31_Ow_C_21_U1_Annelida.result		
	ID21_COI_1228bp_32_Ow_C_21_U1_Annelida.result		
	ID21_COI_1228bp_39_Ow_C_21_U1_Annelida.result		
	ID21_COI_931bp_23_Ow_C_21_U1_Annelida.result		

	ID21_COI_931bp_24_Ow_C_21_U1_Annelida.result		
	ID21_COI_931bp_25_Ow_C_21_U1_Annelida.result		
	ID21_COI_931bp_26_Ow_C_21_U1_Annelida.result		
	ID21_COI_931bp_27_Ow_C_21_U1_Annelida.result		
	ID21_COI_931bp_28_Ow_C_21_U1_Annelida.result		
	ID21_COI_931bp_29_Ow_C_21_U1_Annelida.result		
	ID21_COI_931bp_30_Ow_C_21_U1_Annelida.result		
	ID21_COI_931bp_31_Ow_C_21_U1_Annelida.result		
	ID21_COI_931bp_32_Ow_C_21_U1_Annelida.result		
	ID21_COI_931bp_33_Ow_C_21_Annelida.result		
	ID21_COI_931bp_39_Ow_C_21_Annelida.result		

Data ID	novoplasty	mitoz	mitobim
23	23_complete_41.result 28 847 >Contig01+9871732;len=5228;topology=linear		23_T1_Of_MitoBim_Annelida.result <386 >1427 >NC_028712.1;len=16239;topology=linear
	23_GJ.result 28 847 >Contig01+5059862;len=5228;topology=linear		23_T1_Pc_MitoBim_Annelida.result 255 >1656 or 61 1603 >EU239688.1;len=16363;topology=linear
	Me_a_23_Ow_C_23_Annelida.result 252 1809 >Contig01+4755991;len=6308;topology=linear		23_T1_Ts_MitoBim_Annelida.result 255 1797 or 95 >1496 >EU236701.1;len=16280;topology=linear
	Me_a_24_Ow_C_23_Annelida.result 252 1809 >Contig01+4754641;len=6308;topology=linear		ID23_COI_1558bp_MitoBim_Annelida.result
	Me_a_25_Ow_C_23_Annelida.result 252 1809 >Contig01+4753281;len=6308;topology=linear		
	Me_a_26_Ow_C_23_Annelida.result 252 1809 >Contig01+4751851;len=6308;topology=linear		
	Me_a_27_Ow_C_23_Annelida.result 252 1809 >Contig01+4750341;len=6308;topology=linear		
	Me_a_B_23_Ow_C_23_Annelida.result 252 1809 >Contig01+4755991;len=6308;topology=li		

	near		
	Me_a_B_24_Ow_C_23_Annelida.result 252 1809 >Contig01+4754641;len=6308;topology=linear		
	Me_a_B_25_Ow_C_23_Annelida.result 252 1809 >Contig01+4753281;len=6308;topology=linear		
	Me_a_B_26_Ow_C_23_Annelida.result 252 1809 >Contig01+4751851;len=6308;topology=linear		
	Me_a_B_27_Ow_C_23_Annelida.result 252 1809 >Contig01+4750341;len=6308;topology=linear		
	Neo_t_23_Ow_C_23_Annelida.result 2 1331 >Contig01+4755991;len=5845;topology=linear		
	ID23_COI_1558bp_23_Ow_C_23_Annelida.result		
	ID23_COI_1558bp_24_Ow_C_23_Annelida.result		
	ID23_COI_1558bp_25_Ow_C_23_Annelida.result		
	ID23_COI_1558bp_26_Ow_C_23_Annelida.result		

	ID23_COI_1558bp_27_Ow_C_23_Annelida.result		
	ID23_COI_1558bp_28_Ow_C_23_Annelida.result		
	ID23_COI_1558bp_29_Ow_C_23_Annelida.result		
	ID23_COI_1558bp_30_Ow_C_23_Annelida.result		
	ID23_COI_1558bp_31_Ow_C_23_Annelida.result		
	ID23_COI_1558bp_32_Ow_C_23_Annelida.result		
	ID23_COI_1558bp_33_Ow_C_23_Annelida.result		
	ID23_COI_1558bp_39_Ow_C_23_Annelida.result		

Data ID	novoplasty	mitoz	mitobim
24	24_BOLD.result 1940 3473 >Contig01+941582;len=16218;topology=linear	24_1x_Annelida_21.result 1929 3462 >C130196;len=16168;topology=linear	ID24_COI_1534bp_MitoBim_Annelida.result
	24_NCBI.result 1940 3473 >Contig01+4365182;len=16218;topology=linear	24_1x_Annelida_22.result 1916 3449 >C132419;len=16155;topology=linear	
	apple_24_23_Annelida.result 1940 3473 >Contig2;len=12819;topology=linear	24_1x_Annelida_23.result 1916 3449 >C132419;len=16155;topology=linear	
	ID24_COI_1534bp_23_Ow_C_24_U1_Annelida.result	24_5x_Annelida_23.result 1916 3449 >C132419;len=16155;topology=linear	
	ID24_COI_1534bp_24_Ow_C_24_U1_Annelida.result	24_1x_Annelida_28.result 12708 14241 >C128646;len=16179;topology=linear	
	ID24_COI_1534bp_26_Ow_C_24_U1_Annelida.result	24_1x_Annelida_29.result 12708 14241 >C128646;len=16179;topology=linear	
	ID24_COI_1534bp_28_Ow_C_24_U1_Annelida.result		
	ID24_COI_1534bp_29_Ow_C_24_U1_Annelida.result		
	ID24_COI_1534bp_30_Ow_C_24_U1_Annelida.result		
	ID24_COI_1534bp_32_Ow_C_24_U1_Annelida.result		
	ID24_COI_1534bp_39_Ow_C_24_U1_Annelida.result		

Data ID	novoplasty	mitoz	mitobim
26	ID26_COI_1537bp_23_Ow_C_26_Annelida.result	26_1x_Annelida_21.result 4610 6146 >C320785;len=14792;topology=linear	mitobim_26_01.result 11071 12607 >AY532335.1_bb;len=15868;topology=linear
	ID26_COI_1537bp_24_Ow_C_26_Annelida.result	26_1x_Annelida_22.result 4612 6148 >C328096;len=14796;topology=linear	ID26_COI_1537bp_MitoBim_Annelida.result
	ID26_COI_1537bp_25_Ow_C_26_Annelida.result	26_1x_Annelida_23.result 4612 6148 >C328096;len=14796;topology=linear	
	ID26_COI_1537bp_26_Ow_C_26_Annelida.result	26_1x_Annelida_24.result 4614 6150 >C330485;len=14800;topology=linear	
	ID26_COI_1537bp_27_Ow_C_26_Annelida.result	26_1x_Annelida_25.result 4614 6150 >C330485;len=14800;topology=linear	
	ID26_COI_1537bp_28_Ow_C_26_Annelida.result	26_1x_Annelida_26.result 8654 10190 >C326559;len=14804;topology=linear	
	ID26_COI_1537bp_29_Ow_C_26_Annelida.result	26_1x_Annelida_27.result 8654 10190 >C326559;len=14804;topology=linear	
	ID26_COI_1537bp_30_Ow_C_26_Annelida.result	26_5x_Annelida_23.result 4612 6148 >C328096;len=14796;topology=linear	
	ID26_COI_1537bp_31_Ow_C_26_Annelida.result	26_1x_Annelida_28.result 4618 6154 >C325307;len=14808;topology=linear	
	ID26_COI_1537bp_32_Ow_C_26_Annelida.result	26_1x_Annelida_29.result 4618 6154 >C325307;len=14808;topology=linear	
	ID26_COI_1537bp_33_Ow_C_26_Annelida.result	26_1x_Annelida_32.result 8660 10196 >C297749;len=14816;topology=linear	
	ID26_COI_1537bp_39_Ow_C_26_Annelida.result	26_1x_Annelida_33.result 8660 10196 >C297749;len=14816;topology=linear	

Data ID	novoplasty	mitoz	mitobim
27	ID27_COI_1351bp_27_Ow_C_27_U1_Annelida.result		27_T1_ID24_MitoBim_Annelida.result <12861 13638 >C128646;len=16182;topology=linear
	ID27_COI_1351bp_29_Ow_C_27_U1_Annelida.result		27_T1_ID26_MitoBim_Annelida.result 11096 >12446 >AY532335.1;len=15860;topology=linear
	ID27_COI_1351bp_31_Ow_C_27_U1_Annelida.result		27_COI_for_tree_MitoBim_Annelida.result
	ID27_COI_1351bp_32_Ow_C_27_U1_Annelida.result		ID27_COI_1351bp_MitoBim_Annelida.result
	ID27_COI_1351bp_33_Ow_C_27_U1_Annelida.result		

Data ID	novoplasty	mitoz	mitobim
28			28_T1_Gj_MitoBim_Annelida.result 542 >806
			28_T1_Mm_MitoBim_Annelida.result 193 >406
			28_mapping_MitoBim_Annelida.result 542 >806
			28_COI_for_tree_ownCOI_400bp_MitoBim_Annelida.result
			28_COI_for_tree_ownCOI_MitoBim_Annelida.result

Data ID	novoplasty	mitoz	mitobim
29			29_T1_ID20_MitoBim_Annelida.result 11929 >12220
			29_T1_ID34_MitoBim_Annelida.result 11906 12051
			29_COI_for_tree_ownCOI_MitoBim_Annelida.result

Data ID	novoplasty	mitoz	mitobim
32			ID32_JX423767.1-COI_MitoBim_Annelida.result 1717 3281 >Jn423767.1;len=3354;topology=linear
			32_COI_MitoBim_Annelida.result 1717 3281 >Jn423767.1;len=3354;topology=linear
			32_T1_Ev_MitoBim_Annelida.result 4770 >5529
			32_T1_Pc_MitoBim_Annelida.result 639 >1398
			32_T1_Ts_MitoBim_Annelida.result <130 >1516 or 1717 >2107
			ID32_COI_1565bp_MitoBim_Annelida.result

Data ID	novoplasty	mitoz	mitobim
34	ID34_COI_1551bp_23_Ow_C_34_U1_Annelida.result		34_T1_Ec_MitoBim_Annelida.result 4800 5780 >NC_028714.1;len=18371;topology=linear
	ID34_COI_1551bp_24_Ow_C_34_Annelida.result		34_T1_ID10_MitoBim_Annelida.result 10549 12099 >C165868;len=14857;topology=linear
	ID34_COI_1551bp_26_Ow_C_34_Annelida.result		34_T1_Nep_MitoBim_Annelida.result 11394 14778 >EU293739.1;len=19453;topology=linear
	ID34_COI_1551bp_27_Ow_C_34_Annelida.result		ID34_COI_1551bp_MitoBim_Annelida.result
	ID34_COI_1551bp_28_Ow_C_34_Annelida.result		
	ID34_COI_1551bp_29_Ow_C_34_Annelida.result		
	ID34_COI_1551bp_30_Ow_C_34_Annelida.result		
	ID34_COI_1551bp_31_Ow_C_34_Annelida.result		
	ID34_COI_1551bp_32_Ow_C_34_Annelida.result		
	ID34_COI_1551bp_33_Ow_C_34_Annelida.result		
	ID34_COI_1551bp_39_Ow_C_34_Annelida.result		

Data ID	novoplasty	mitoz	mitobim
35	Me_a_27_Ow_C_35_Annelida.result 29 271 >Contig01+4178372;len=270;topology=linear		35_T1_Ev_MitoBim_Annelida.result 5647 6287 >EU239687.1;len=13747;topology=linear
	Me_a_28_Ow_C_35_Annelida.result 29 271 >Contig01+4177022;len=270;topology=linear		35_T1_Of_MitoBim_Annelida.result <416 1581 >NC_028712.1;len=16276;topology=linear
	Me_a_29_Ow_C_35_Annelida.result 29 271 >Contig01+4175482;len=270;topology=linear		35_T1_Pc_MitoBim_Annelida.result 160 1310 or 636 2194 >NC_011011.1;len=16533;topology=linear
	Me_a_30_Ow_C_35_Annelida.result 29 271 >Contig01+4174212;len=270;topology=linear		35_T1_Ts_MitoBim_Annelida.result 1752 2035 or <4 1559 >NC_011014.1;len=15776;topology=linear
	Me_a_31_Ow_C_35_Annelida.result 29 271 >Contig01+4172732;len=270;topology=linear		35_Ts_MitoBim_Annelida.result 15727 17285 >NC_011014.1;len=17459;topology=linear
	Me_a_32_Ow_C_35_Annelida.result 29 271 >Contig01+4171022;len=270;topology=linear		ID35_COI_1559bp_MitoBim_Annelida.result
	Me_a_33_Ow_C_35_Annelida.result 29 271 >Contig01+4169312;len=270;topology=linear		
	Me_a_34_Ow_C_35_Annelida.result 29 271 >Contig01+4167442;len=270;topology=linear		

	Me_a_B_27_Ow_C_35_Annelida.result 29 271 >Contig01+4178372;len=270;topology=linear		
	Me_a_B_28_Ow_C_35_Annelida.result 29 271 >Contig01+4177022;len=270;topology=linear		
	Me_a_B_29_Ow_C_35_Annelida.result 29 271 >Contig01+4175482;len=270;topology=linear		
	Me_a_B_30_Ow_C_35_Annelida.result 29 271 >Contig01+4174212;len=270;topology=linear		
	Me_a_B_31_Ow_C_35_Annelida.result 29 271 >Contig01+4172732;len=270;topology=linear		
	Me_a_B_32_Ow_C_35_Annelida.result 29 271 >Contig01+4171022;len=270;topology=linear		
	Me_a_B_33_Ow_C_35_Annelida.result 29 271 >Contig01+4169312;len=270;topology=linear		
	Me_a_B_34_Ow_C_35_Annelida.result 29 271 >Contig01+4167442;len=270;topology=linear		
	ID35_COI_1559bp_23_Ow_C_35_Annelida.result		

	ID35_COI_1559bp_24_Ow_C_35_Annelida.result		
	ID35_COI_1559bp_25_Ow_C_35_Annelida.result		
	ID35_COI_1559bp_26_Ow_C_35_Annelida.result		
	ID35_COI_1559bp_27_Ow_C_35_Annelida.result		
	ID35_COI_1559bp_28_Ow_C_35_Annelida.result		
	ID35_COI_1559bp_29_Ow_C_35_Annelida.result		
	ID35_COI_1559bp_30_Ow_C_35_Annelida.result		
	ID35_COI_1559bp_31_Ow_C_35_Annelida.result		
	ID35_COI_1559bp_32_Ow_C_35_Annelida.result		
	ID35_COI_1559bp_33_Ow_C_35_Annelida.result		
	ID35_COI_1559bp_39_Ow_C_35_U1_Annelida.result		

Data ID	novoplasty	mitoz	mitobim
36	ID36_COI_1545bp.fasta_26_Ow_C_36_U1_Annelida.result		ID36_MG421586.1-COI_MitoBim_Annelida.result 1520 3064 >MG421586.1;len=3299;topology=linear
			36_COI_MitoBim_Annelida.result 5 different COI longest 170 1507
			36_T1_Of_MitoBim_Annelida.result 746 1567
			ID36_COI_1545bp_MitoBim_Annelida.result

Data ID	novoplasty	mitoz	mitobim
37	No_c_B_23_Ow_C_37_Annelida.result 3 >255 >Contig01+5043311;len=254;topology=linear		ID37_AY598734.1-COI_MitoBim_Annelida.result 620 2165 >AY598734.1;len=3017;topology=linear
	No_c_B_24_Ow_C_37_Annelida.result 3 >255 >Contig01+5041971;len=254;topology=linear		37_COI_MitoBim_Annelida.result 620 2165 >AY598734.1;len=3017;topology=linear
	No_c_B_25_Ow_C_37_Annelida.result 3 >255 >Contig01+5040761;len=254;topology=linear		ID37_COI_1546bp_MitoBim_Annelida.result
	No_c_B_26_Ow_C_37_Annelida.result 3 >255 >Contig01+5039631;len=254;topology=linear		
	ID37_COI_1546bp.fasta_23_Ow_C_37_Annelida.result		
	ID37_COI_1546bp.fasta_24_Ow_C_37_Annelida.result		
	ID37_COI_1546bp.fasta_25_Ow_C_37_U1_Annelida.result		
	ID37_COI_1546bp.fasta_29_Ow_C_37_U1_Annelida.result		

	ID37_COI_1546bp.fasta_30_Ow_C_37_Annelida.result		
	ID37_COI_1546bp.fasta_31_Ow_C_37_U1_Annelida.result		
	ID37_COI_1546bp.fasta_32_Ow_C_37_Annelida.result		

Data ID	novoplasty	mitoz	mitobim
38			38_T1_Gj_MitoBim_Annelida.result 17 >1264 >NC_026995.1;len=15420;topology=linear
			38_T1_Of_MitoBim_Annelida.result 383 1934 or 206 >776 >NC_028712.1;len=16901;topology=linear
			ID38_COI_1552bp_MitoBim_Annelida.result

Data ID	novoplasty	mitoz	mitobim
39			ID39_HM904907.1-COI_MitoBim_Annelida.result 473 >668
			39_COI_MitoBim_Annelida.result 361 >556
			39_Nep_MitoBim_Annelida.result 11475 11608
			39_T1_Nep_MitoBim_Annelida.result 11481 11614
			39_mapping_MitoBim_Annelida.result 11479 11612
			39_COI_for_tree_MitoBim_Annelida.result
			39_COI_for_tree_ownCOI_MitoBim_Annelida.result

Data ID	novoplasty	mitoz	mitobim
40			ID40_KY972417.1-COI_MitoBim_Annelida.result 705 2230 >KY972417.1;len=2295;topology=linear
			40_COI_MitoBim_Annelida.result 705 2230 >KY972417.1;len=2295;topology=linear
			40_Ev_MitoBim_Annelida.result 4780 6305 >EU239687.1;len=14053;topology=linear
			40_T1_Ev_MitoBim_Annelida.result 4780 6305 >EU239687.1;len=14053;topology=linear
			40_T1_Of_MitoBim_Annelida.result 782 >1271 >NC_028712.1;len=16205;topology=linear
			40_mapping_MitoBim_Annelida.result 4780 6305 >EU239687.1;len=14053;topology=linear
			ID40_COI_1526bp_MitoBim_Annelida.result

Data ID	novoplasty	mitoz	mitobim
41	ID41_COI_1552bp.fasta_23_Ow_C_41_U1_Annelida.result		ID41_GU672205.1-COI_MitoBim_Annelida.result 3052 4603 >GU672205.1;len=8540;topology=linear
	ID41_COI_1552bp.fasta_25_Ow_C_41_U1_Annelida.result		41_COI_MitoBim_Annelida.result 27 >351 or 3052 4603
	ID41_COI_1552bp.fasta_27_Ow_C_41_U1_Annelida.result		41_T1_Of_MitoBim_Annelida.result 125 1677 or 150 1701 >KT726960.1;len=16352;topology=linear
	ID41_COI_1552bp.fasta_33_Ow_C_41_U1_Annelida.result		41_mapping_MitoBim_Annelida.result 125 1677 or 168 1701
	ID41_COI_1552bp.fasta_39_Ow_C_41_U1_Annelida.result		ID41_COI_1552bp_MitoBim_Annelida.result

Data ID	novoplasty	mitoz	mitobim
42	42_own_COI.result 19 998 >Contig01+1774781;len=997;topology=linear		ID42_JN852928.1-COI_MitoBim_Annelida.result 1805 3341 >JN852928.1;len=5134;topology=linear
	Me_a_B_Ow_C_26_42_Annelida.result 19 998 >Contig01+1772921;len=997;topology=linear		42_COI_MitoBim_Annelida.result 567 1498 or <31 >642 >HQ024026.1;len=3291;topology=linear
	Me_a_B_Ow_C_28_42_Annelida.result 19 998 >Contig01+1771551;len=997;topology=linear		42_T1_Gj_MitoBim_Annelida.result 1805 >2246 or 100 1448 >KP867019.1;len=15334;topology=linear
	Me_a_B_Ow_C_29_42_Annelida.result 19 998 >Contig01+1771041;len=997;topology=linear		42_T1_Nep_MitoBim_Annelida.result 14232 15250 >EU293739.1;len=17724;topology=linear
	ID42_COI_1537bp_23_Ow_C_42_U1_Annelida.result		42_T1_Of_MitoBim_Annelida.result <545 1470 >KT726960.1;len=16203;topology=linear
	ID42_COI_1537bp_25_Ow_C_42_U1_Annelida.result		ID42_COI_1537bp_MitoBim_Annelida.result

Data ID	novoplasty	mitoz	mitobim
43			ID43_KT307701.1-COI_MitoBim_Annelida.result 20 >932 >KT307701.1;len=933;topology=linear
			43_COI_MitoBim_Annelida.result 20 >932 >KT307701.1;len=933;topology=linear
			43_T1_Of_MitoBim_Annelida.result 269 >935
			43_COI_for_tree_MitoBim_Annelida.result
			ID43_COI_913bp_MitoBim_Annelida.result

Data ID	novoplasty	mitoz	mitobim
47	Hy_n_23_Ow_C_47_C_Annelida.result 8820 10222 >Contig1;len=11650;topology=linear	47_1x_Annelida_21.result 1421 2823 >C180445;len=10932;topology=linear	ID47_MG892590.1-COI_MitoBim_Annelida.result 4294 5696 >MG892590.1;len=13549;topology=linear
	COI_ID47_MG892590.1_23_OW_C_47_C_Annelida.result 8820 10222 >Contig1;len=11650;topology=linear	47_1x_Annelida_22.result 1421 2823 >C186178;len=10932;topology=linear	47_T1_Sg_MitoBim_Annelida.result 14491 15893 >NC_032055.1;len=22062;topology=linear
	COI_ID47_MG892590.1_30_OW_C_47_C_Annelida.result 8234 9636 >Contig1;len=11064;topology=linear	47_1x_Annelida_23.result 1421 2823 >C186178;len=10932;topology=linear	ID47_COI_1403bp_MitoBim_Annelida.result
	COI_ID47_MG892590.1_39_OW_C_47_U1_Annelida.result 8236 9638 >Contig01+9546662;len=11066;topology=linear	47_1x_Annelida_24.result 1421 2823 >C187927;len=10932;topology=linear	
	47_NCBI.result 8236 9638 >Contig01+9546662;len=11066;topology=linear	47_1x_Annelida_25.result 1421 2823 >C187927;len=10932;topology=linear	
	47_own_COI_clean.result 6492 7894 >Contig01+2260491;len=9209;topology=linear	47_1x_Annelida_30.result 8111 9513 >C183066;len=10932;topology=linear	
	C47.result 8820 10222 >Contig1;len=11650;topology=linear	47_1x_Annelida_31.result 8111 9513 >C183066;len=10932;topology=linear	

	ID47_COI_1403bp_23_Ow_C_47_C_Annelida.result	47_1x_Annelida_34.result 1430 2832 >C159347;len=10941;topology=linear	
	ID47_COI_1403bp_30_Ow_C_47_C_Annelida.result	47_1x_Annelida_35.result 1430 2832 >C159347;len=10941;topology=linear	
	ID47_COI_1403bp_39_Ow_C_47_U1_Annelida.result	47_5x_Annelida_23.result 1421 2823 >C186178;len=10932;topology=linear	
	ID47_COI_1403bp_24_Ow_C_47_C_Annelida.result	47_multi_k-mer.result 1421 2823 >work23_C186178;len=10932;topology=linear	
	ID47_COI_1403bp_25_Ow_C_47_C_Annelida.result	work31_47.result （multi_k-mer） 8111 9513 >C183066;len=10932;topology=linear	
	ID47_COI_1403bp_26_Ow_C_47_C_Annelida.result		
	ID47_COI_1403bp_27_Ow_C_47_C_Annelida.result		
	ID47_COI_1403bp_28_Ow_C_47_C_Annelida.result		
	ID47_COI_1403bp_29_Ow_C_47_C_Annelida.result		
	ID47_COI_1403bp_31_Ow_C_47_U1_Annelida.result		
	ID47_COI_1403bp_32_Ow_C_47_C_Annelida.result		
	ID47_COI_1403bp_33_Ow_C_47_U1_Annelida.result		