

Supplementary Table 1. Top BLASTn hits for each branch of the phylogenetic tree of 28S sequences. Branch numbers refer to circled number on the branch in the phylogenetic tree (Figure 2.3) One example from each species in the top 100 hits is reported in order.

Branch	BLAST Hit Description	Max Score	Total Score	Query Cover	E Value	Percent Identity	Accession Number
Branch 1	Lucilia cuprina voucher HT-UM1 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	JN014946.1
	Lucilia cuprina x Lucilia sericata partial 28S rRNA gene, isolate Lu8	691	691	100%	0.0	100/00%	FR719298.1
	Lucilia sericata 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	KP954369.1
	Lucilia eximia isolate 30LE large subunit ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	KY798529.1
	Lucilia thatuna isolate Th_USA_01 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	KF839529.1
	Lucilia mexicana isolate Mx_USA_01 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	KF839524.1
	Lucilia coeruleiviridis isolate Co_CAN_01 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	KF839502.1
	Chrysomya chloropyga isolate B4 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JQ246606.1
	Lucilia cluvia partial 28S rRNA gene, isolate New Orleans 1994	686	686	100%	0.0	99.73%	AJ551440.1
	Calliphora fulviceps voucher HT-UM1 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JN014947.1
	Chrysomya chani voucher CC-AD2 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JN014939.1
	Chrysomya villeneuvei voucher CV-F20-AS 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JN014937.1
	Chrysomya rufifacies voucher CR-F5 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JN014933.1

	Chrysomya pinguis voucher CP3-UKali 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JN014926.1
	Chrysomya thanomthini voucher CT2-AD2 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JN014921.1
	Chrysomya bezziana voucher CB-3/9 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JN014910.1
	Chrysomya megacephala voucher CM-UKali-1 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JN014905.1
	Lucilia porphyria isolate L24 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	MF694310.1
	Lucilia caesar isolate L7 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	MF694304.1
	Rhyncomya soyauxi isolate B39 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JQ246641.1
	Lucilia infernalis isolate In_BRN_01 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	KF839523.1
	Lucilia fayeae isolate Fa_DOM_01 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	KF839509.1
	Lucilia ampullacea 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JQ307781.1
	Lucilia illustris 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JQ307778.1
	Hemigymnochaeta unicolor isolate B26 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JQ246628.1
Branch 2	Lucilia eximia isolate 30LE large subunit ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	KY798529.1
	Lucilia sericata 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	KP954369.1
	Lucilia thatuna isolate Th_USA_01 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	KF839529.1

Lucilia mexicana isolate Mx_USA_01 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	KF839524.1
Lucilia coeruleiviridis isolate Co_CAN_01 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	KF839502.1
Chrysomya chloropyga isolate B4 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	JQ246606.1
Lucilia cluvia partial 28S rRNA gene, isolate New Orleans 1994	691	691	100%	0.0	100.00%	AJ551440.1
Calliphora fulviceps voucher HT-UM1 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JN014947.1
Lucilia cuprina voucher HT-UM1 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JN014946.1
Chrysomya chani voucher CC-AD2 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JN014939.1
Chrysomya villeneuvei voucher CV-F20-AS 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JN014937.1
Chrysomya rufifacies voucher CR-F5 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JN014933.1
Chrysomya pinguis voucher CP3-UKali 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JN014926.1
Chrysomya thanomthini voucher CT2-AD2 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JN014921.1
Chrysomya bezziana voucher CB-3/9 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JN014910.1
Chrysomya megacephala voucher CM-UKali-1 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JN014905.1
Lucilia porphyryna isolate L24 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	MF694310.1

	Lucilia caesar isolate L7 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	MF694304.1
	Rhyncomya sp. T636 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	KY945989.1
	Lucilia infernalis isolate In_BRN_01 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	KF839523.1
	Lucilia fayeae isolate Fa_DOM_01 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	KF839509.1
	Lucilia ampullacea 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JQ307781.1
	Lucilia illustris 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JQ307778.1
	Rhyncomya soyauxi isolate B39 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JQ246641.1
	Hemigymnochaeta unicolor isolate B26 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JQ246628.1
	Sarconesia chlorogaster isolate B17 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JQ246619.1
	Chrysomya putoria isolate B6 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JQ246608.1
	Chrysomya albiceps isolate B2 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JQ246604.1
	Chloroprocta idioidea isolate B1 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JQ246603.1
Branch 3	Calliphora fulviceps voucher HT-UM1 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	JN014947.1
	Chrysomya chani voucher CC-AD2 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	JN014939.1
	Chrysomya villeneuvei voucher CV-F20-AS 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	JN014937.1

Chrysomya rufifacies voucher CR-F5 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	JN014933.1
Chrysomya pinguis voucher CP3-UKali 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	JN014926.1
Chrysomya thanomthini voucher CT2-AD2 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	JN014921.1
Chrysomya bezziana voucher CB-3/9 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	JN014910.1
Chrysomya megacephala voucher CM-UKali-1 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	JN014905.1
Lucilia porphyria isolate L24 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	MF694310.1
Lucilia caesar isolate L7 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	MF694304.1
Lucilia sericata isolate SI10 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	KY197804.1
Chrysomya megacephala isolate DH3 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	KY197795.1
Lucilia infernalis isolate In_BRN_01 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	KF839523.1
Lucilia ampullacea 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	JQ307781.1
Lucilia illustris 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	JQ307778.1
Sarconesia chlorogaster isolate B17 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	JQ246619.1
Chrysomya putoria isolate B6 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	JQ246608.1
Chrysomya albiceps isolate B2 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	JQ246604.1

	Chloroprocta idioidea isolate B1 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	JQ246603.1
	Lucilia cuprina partial 28S rRNA gene, isolate Lu2	691	691	100%	0.0	100.00%	FR719299.1
	Chrysomya chloropyga partial 28S rRNA gene, isolate Tanzania 1998	691	691	100%	0.0	100.00%	AJ558189.1
	Onesia tibialis partial 28S rRNA gene, isolate Adelaide 1998	691	691	100%	0.0	100.00%	AJ558188.1
	Calliphora quadrimaculata partial 28S rRNA gene, isolate Rangitoto 1999	691	691	100%	0.0	100.00%	AJ558187.1
	Calliphora stygia partial 28S rRNA gene, isolate Adelaide 1998	691	691	100%	0.0	100.00%	AJ558186.1
	Calliphora dubia partial 28S rRNA gene, isolate Adelaide 1998	691	691	100%	0.0	100.00%	AJ558185.1
	Lucilia richardsi partial 28S rRNA gene, isolate Usk 1995	691	691	100%	0.0	100.00%	AJ551442.1
	Lucilia eximia isolate 30LE large subunit ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	KY798529.1
	Cordylobia anthropophaga isolate Zhejiang 2014 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	KM506761.1
	Lucilia thatuna isolate Th_USA_01 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	KF839529.1
	Lucilia silvarum isolate Si_GER_01 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	KF839528.1
	Lucilia mexicana isolate Mx_USA_01 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	KF839524.1
	Lucilia coeruleiviridis isolate Co_CAN_01 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	KF839502.1
	Protophormia terraenovae 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JQ307780.1
Branch 4	Lucilia papuensis isolate Pa_AUS_01 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	KF839526.1

Hemipyrellia fernandica isolate H_BEN_01 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	KF839511.1
Hypopygiopsis infumata voucher WVU2011-018-13 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	JF439575.1
Hypopygiopsis violacea voucher RMBR:102714 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	GQ409245.1
Hemipyrellia tagaliana voucher HT-UM1 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JN014944.1
Chrysomya defixa voucher CD-KH-37 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JN014911.1
Hemipyrellia ligurriens isolate B18 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JQ246620.1
Calliphora fulviceps voucher HT-UM1 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JN014947.1
Chrysomya chani voucher CC-AD2 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JN014939.1
Chrysomya villeneuvei voucher CV-F20-AS 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JN014937.1
Chrysomya rufifacies voucher CR-F5 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JN014933.1
Chrysomya pinguis voucher CP3-UKali 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JN014926.1
Chrysomya thanomthini voucher CT2-AD2 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JN014921.1
Chrysomya bezziana voucher CB-3/9 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JN014910.1
Chrysomya megacephala voucher CM-UKali-1 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JN014905.1

	Lucilia porphyrina isolate L24 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	MF694310.1
	Lucilia caesar isolate L7 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	MF694304.1
	Melanomya bicolor voucher T576 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	KY945988.1
	Lucilia sericata isolate SI10 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	KY197804.1
	Lucilia infernalis isolate In_BRN_01 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	KF839523.1
	Lucilia ampullacea 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JQ307781.1
	Lucilia illustris isolate L14 28S ribosomal RNA gene, partial sequence	675	675	100%	0.0	99.20%	MF694307.1
	Lucilia eximia isolate 25LE large subunit ribosomal RNA gene, partial sequence	675	675	100%	0.0	99.20%	KY798528.1
Branch 5	Chrysomya rufifacies isolate B7 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	JQ246609.1
	Calliphora fulviceps voucher HT-UM1 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JN014947.1
	Chrysomya chani voucher CC-AD2 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JN014939.1
	Chrysomya villeneuvei voucher CV-F20-AS 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JN014937.1
	Chrysomya pinguis voucher CP3-UKali 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JN014926.1
	Chrysomya thanomthini voucher CT2-AD2 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JN014921.1
	Chrysomya bezziana voucher CB-3/9 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JN014910.1

Chrysomya megacephala voucher CM-UKali-1 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JN014905.1
Lucilia porphyria isolate L24 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	MF694310.1
Lucilia caesar isolate L7 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	MF694304.1
Lucilia sericata isolate SI10 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	KY197804.1
Lucilia infernalis isolate In_BRN_01 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	KF839523.1
Lucilia ampullacea 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JQ307781.1
Lucilia illustris 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JQ307778.1
Sarconesia chlorogaster isolate B17 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JQ246619.1
Chrysomya putoria isolate B6 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JQ246608.1
Chrysomya albiceps isolate B2 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JQ246604.1
Chloroprocta idioidea isolate B1 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JQ246603.1
Lucilia cuprina partial 28S rRNA gene, isolate Lu2	686	686	100%	0.0	99.73%	FR719299.1
Chrysomya chloropyga partial 28S rRNA gene, isolate Tanzania 1998	686	686	100%	0.0	99.73%	AJ558189.1
Onesia tibialis partial 28S rRNA gene, isolate Adelaide 1998	686	686	100%	0.0	99.73%	AJ558188.1
Calliphora quadrimaculata partial 28S rRNA gene, isolate Rangitoto 1999	686	686	100%	0.0	99.73%	AJ558187.1
Calliphora stygia partial 28S rRNA gene, isolate Adelaide 1998	686	686	100%	0.0	99.73%	AJ558186.1

	Calliphora dubia partial 28S rRNA gene, isolate Adelaide 1998	686	686	100%	0.0	99.73%	AJ558185.1
	Lucilia richardsi partial 28S rRNA gene, isolate Usk 1995	686	686	100%	0.0	99.73%	AJ551442.1
	Lucilia eximia isolate 30LE large subunit ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	KY798529.1
	Cordylobia anthropophaga isolate Zhejiang 2014 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	KM506761.1
	Lucilia thatuna isolate Th_USA_01 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	KF839529.1
	Lucilia silvarum isolate Si_GER_01 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	KF839528.1
	Lucilia mexicana isolate Mx_USA_01 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	KF839524.1
	Lucilia coeruleiviridis isolate Co_CAN_01 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	KF839502.1
Branch 6	Phormia regina voucher NICC0024 28S ribosomal RNA gene, partial sequence	691	691	100%	0.0	100.00%	KF908204.1
	Chrysomya nigripes voucher CN-F8 28S ribosomal RNA gene, partial sequence	686	686	99%	0.0	100.00%	JN014942.1
	Cochliomyia aldrichi isolate M107 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	KX529517.1
	Cochliomyia minima isolate PR141 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	KX529512.1
	Cochliomyia macellaria isolate FL006 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	KX529503.1
	Cochliomyia hominivorax isolate DR042 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	KX529485.1
	Protophormia terraenovae 28S ribosomal RNA gene, partial sequence	686	686	99%	0.0	100.00%	JQ307780.1

Hemilucilia semidiaphana isolate B11 28S ribosomal RNA gene, partial sequence	686	686	99%	0.0	100.00%	JQ246613.1
Hemilucilia segmentaria isolate B10 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	JQ246612.1
Compsomyiops fulvicrura 28S ribosomal RNA gene, partial sequence	686	686	100%	0.0	99.73%	FJ025504.1
Calliphora fulviceps voucher HT-UM1 28S ribosomal RNA gene, partial sequence	680	680	99%	0.0	99.73%	JN014947.1
Chrysomya chani voucher CC-AD2 28S ribosomal RNA gene, partial sequence	680	680	99%	0.0	99.73%	JN014939.1
Chrysomya villeneuvei voucher CV-F20-AS 28S ribosomal RNA gene, partial sequence	680	680	99%	0.0	99.73%	JN014937.1
Chrysomya rufifacies voucher CR-F5 28S ribosomal RNA gene, partial sequence	680	680	99%	0.0	99.73%	JN014933.1
Chrysomya pinguis voucher CP3-UKali 28S ribosomal RNA gene, partial sequence	680	680	99%	0.0	99.73%	JN014926.1
Chrysomya thanomthini voucher CT2-AD2 28S ribosomal RNA gene, partial sequence	680	680	99%	0.0	99.73%	JN014921.1
Chrysomya bezziana voucher CB-3/9 28S ribosomal RNA gene, partial sequence	680	680	99%	0.0	99.73%	JN014910.1
Chrysomya megacephala voucher CM-UKali-1 28S ribosomal RNA gene, partial sequence	680	680	99%	0.0	99.73%	JN014905.1
Lucilia porphyria isolate L24 28S ribosomal RNA gene, partial sequence	680	680	99%	0.0	99.73%	MF694310.1
Lucilia caesar isolate L7 28S ribosomal RNA gene, partial sequence	680	680	99%	0.0	99.73%	MF694304.1
Lucilia sericata isolate SI10 28S ribosomal RNA gene, partial sequence	680	680	99%	0.0	99.73%	KY197804.1

	Lucilia infernalis isolate In_BRN_01 28S ribosomal RNA gene, partial sequence	680	680	99%	0.0	99.73%	KF839523.1
	Rhinophora lepida voucher WVU2011-018-6 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	JF439571.1
	Lucilia ampullacea 28S ribosomal RNA gene, partial sequence	680	680	99%	0.0	99.73%	JQ307781.1
	Lucilia illustris 28S ribosomal RNA gene, partial sequence	680	680	99%	0.0	99.73%	JQ307778.1
	Tachina grossa 28S ribosomal RNA gene, partial sequence	680	680	100%	0.0	99.47%	KC177830.1
	Sarconesia chlorogaster isolate B17 28S ribosomal RNA gene, partial sequence	680	680	99%	0.0	99.73%	JQ246619.1
	Chrysomya putoria isolate B6 28S ribosomal RNA gene, partial sequence	680	680	99%	0.0	99.73%	JQ246608.1
	Chrysomya albiceps isolate B2 28S ribosomal RNA gene, partial sequence	680	680	99%	0.0	99.73%	JQ246604.1
	Chloroprocta idioidea isolate B1 28S ribosomal RNA gene, partial sequence	680	680	99%	0.0	99.73%	JQ246603.1
	Lucilia cuprina partial 28S rRNA gene, isolate Lu2	680	680	99%	0.0	99.73%	FR719299.1