## Sequence identity

	0.98	0.96	0.96	0.96	0.98	0.98	0.97	0.97	0.98	0.97	0.97	0.99	1.00	1.00	1.00	0.91	0.96	0.94		Anogam_AGAP006028-RC
0.98	0.00	1.00	0.95	0.95	0.95	0.95	0.96	0.95	0.95	0.96	0.95	0.97	0.97	0.96	0.96	0.88	0.97	0.89		Aedaeg_AAEL008354-RJ
0.96	1.00	0.00	0.96	0.96	0.96	0.96	0.97	0.95	0.95	0.97	0.96	0.96	0.96	0.96	0.96	0.96	0.97	0.92		Aedalb_AALF005567-RA
0.96	0.95	0.96	0.00	1.00	0.98	0.98	0.98	0.98	0.98	0.99	0.98	0.96	0.97	0.96	0.96	0.91	0.94	0.89		Anoalb_AALB015766-RA
0.96	0.95	0.96	1.00	0.00	0.98	0.98	0.98	0.98	0.98	0.99	0.98	0.96	0.97	0.96	0.96	0.91	0.94			Anodar_ADAC005672-RA
0.98	0.95	0.96	0.98	0.98	0.00	1.00	1.00	1.00	0.99	0.99	0.99	0.98	1.00	1.00	1.00	0.93	0.94	0.94		Anoara_AARA016354-RA
0.98	0.95	0.96	0.98	0.98	1.00	0.00	1.00	1.00	0.99	0.99	0.99	0.98	1.00	1.00	1.00	0.93	0.94	0.94		Anomer_AMEM002384-RA
0.97	0.96	0.97	0.98	0.98	1.00	1.00	0.00	0.99	0.99	1.00	0.99	0.98	1.00	1.00	1.00	0.93	0.95	0.93		Anofun_AFUN016339-RA
0.97	0.95	0.95	0.98	0.98	1.00	1.00	0.99	0.00	0.99	0.99	0.99	0.97	0.99	0.99	0.99	0.93	0.94	0.93		Anodir_ADIR015697-RA
0.98	0.95	0.95	0.98	0.98	0.99	0.99	0.99	0.99		0.99	0.99	0.97	0.99	0.99	0.99	0.93	0.94	0.94		Anofar_AFAF009658-RA
0.97	0.96	0.97	0.99	0.99	0.99	0.99	1.00	0.99	0.99		0.99	0.98	0.99	0.99	0.99	0.93	0.95	0.92		Anoatr_AATE010320-RA
0.97	0.95	0.96	0.98	0.98	0.99	0.99	0.99	0.99	0.99	0.99		0.97	0.99	1.00	1.00	0.92	0.94	0.93		Anomin_AMIN015765-RA
0.99	0.97	0.96	0.96	0.96	0.98	0.98	0.98	0.97	0.97	0.98	0.97	0.00	1.00	1.00	1.00	0.90	0.97	0.93		Anoepi_AEPI003638-RA
1.00	0.97	0.96	0.97	0.97	1.00	1.00	1.00	0.99	0.99	0.99	0.99	1.00		1.00	1.00	1.00	0.95	0.94		Anochr_ACHR006626-RA
1.00	0.96	0.96	0.96	0.96	1.00	1.00	1.00	0.99	0.99	0.99	1.00	1.00	1.00		1.00	1.00	0.93	0.97		Anocul_ACUA009201-RA
1.00	0.96	0.96	0.96	0.96	1.00	1.00	1.00	0.99	0.99	0.99	1.00	1.00	1.00	1.00	0.00	1.00	0.93	0.97		Anomac_AMAM005359-RA
		0.96			0.93	0.93	0.93	0.93	0.93		0.92	0.90	1.00	1.00	1.00			0.94		Anoste_ASTEI10397-RA
0.96	0.97	0.97	0.94	0.94	0.94	0.94	0.95	0.94	0.94	0.95	0.94	0.97	0.95	0.93	0.93					Culqui_CPIJ008419-RA
0.94		0.92			0.94	0.94	0.93	0.93	0.94		0.93	0.93	0.94	0.97	0.97	0.94			0.96	Anomel_AMEC007181-RA
																		0.96		Anosin_ASIS022497-RA
Anogam_AGAP006028-RC	Aedaeg_AAEL008354-RJ	Aedalb_AALF005567-RA	Anoalb_AALB015766-RA	Anodar_ADAC005672-RA	Anoara_AARA016354-RA	Anomer_AMEM002384-RA	Anofun_AFUN016339-RA	Anodir_ADIR015697-RA	Anofar_AFAF009658-RA	Anoatr_AATE010320-RA	Anomin_AMIN015765-RA	Anoepi_AEPI003638-RA	Anochr_ACHR006626-RA	Anocul_ACUA009201-RA	Anomac_AMAM005359-RA	Anoste_ASTEI10397-RA	Culqui_CPIJ008419-RA	Anomel_AMEC007181-RA	Anosin_ASIS022497-RA	
yam <sub>.</sub>	aeg_	alb_/	alb_/	dar_	ara_	ner_	un_	ďir_∕	ar_/	atr_/	nin_	pi_/	chr_	Jui_/	nac	ste_/	ui_C	nel_	sin_/	
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28-	4-R	-R/	<sup>S</sup> R	2-R	4-R	84–	9-R	-RA	−RA	-RA	5-R	-RA	6-R	1- <sub>R</sub>	359-	R	ŔΑ	31-F	-RA	
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