nophyly	Topology	Bootstrap_Support	Athal_sister
E	Other_topology	BS_scoreNA	Csat__psbA Bstri_NP
E	Other_topology	BS_scoreNA	Alyr__LN877383.1_CUA
	AC_topology	20	Crub__NC_027693.1_YP_009161904.1_5 Cgra__NC_0
E	Other_topology	BS_scoreNA	Bstri_NP_051043 Csat__psbI Alyr__LN
	AC_topology	68	Alyr__LN877383.1_CUA
E	AC_topology	100	Crub__NC_027693.1_YP_009161907.1_8 Cgra_
	BC_topology	40	Csat__atpH Cgra__NC_028517.1_YP_009182878.1_9 Crub__NC_027693.1_YP_
	AC_topology	100	Alyr__LN877383.1_CUA
E	AB_topology	53	Alyr__LN877383.1_CUA65393.1_
E	AC_topology	100	Alyr__LN877383.1_CUA
	AC_topology	100	Alyr__LN877383.1_CUA
E	AC_topology	10	Cgra__NC_028517.1_YP_0
E	Other_topology	BS_scoreNA	Csat__psbM
	AC_topology	50	Alyr__LN877383.1_CUA
	AC_topology	96	Alyr__LN877383.1_CUA
E	Other_topology	BS_scoreNA	Crub__NC_027693.1_YP_009161918.1_19 Cgra_
E	AC_topology	100	Alyr__LN877383.1_CUA65402.
	AB_topology	60	Alyr__LN877383.1_CUA
E	Other_topology	BS_scoreNA	Alyr__LN877383.1_CUA
E	AC_topology	53	Alyr__LN877383.1_CUA
	AC_topology	100	Alyr__LN877383.1_CUA
E	Other_topology	BS_scoreNA	Alyr__LN877383.1_CUA
	AC_topology	100	Alyr__LN877383.1_CUA
	AC_topology	72	Alyr__LN877383.1_CUA
E	AC_topology	100	Csat__rbcL
E	Other_topology	BS_scoreNA	Cgra__NC_028517.1_YP_0
E	AC_topology	100	Csat__ycf4
E	AC_topology	100	Csat__cemA
	AC_topology	77	Alyr__LN877383.1_CUA
E	Other_topology	BS_scoreNA	Csat__psbJ
E	Other_topology	BS_scoreNA	Cgra__NC_028517.1_YP_009182906.1_37 Alyr__LN877383.1_CUA
E	Other_topology	BS_scoreNA	Bstri_NP_051075 Cgra__NC_028517.1_YP
E	AC_topology	0	Alyr__LN877383.1_CUA65421.1_39 Crub__NC_027693.1_YP_009161938
E	Other_topology	BS_scoreNA	Csat__petL
	AB_topology	0	Alyr__LN877383.1_CUA
E	AC_topology	8	Alyr__LN877383.1_CUA
E	BC_topology	30	Alyr__LN877383.1_CUA
E	Other_topology	BS_scoreNA	Alyr__LN877383.1_CUA
	BC_topology	0	Alyr__LN877383.1_CUA
	AC_topology	61	Cgra__NC_028517.1_YP_009182916.1_47 Crub__NC_027693.1_YP_009
	AC_topology	74	Alyr__LN877383.1_CUA
E	Other_topology	BS_scoreNA	Alyr__LN877383.1_CUA
E	Other_topology	BS_scoreNA	Csat__psbN
	Other_topology	BS_scoreNA	Csat__psbH Crub__NC_027693.1_YP_009161950.1_51 Cgra__NC_028517.1_YP_0
E	AC_topology	100	Cgra__NC_028517.1_YP_009182921.1_52 Crub_
E	AC_topology	58	Alyr__LN877383.1_CUA
E	AC_topology	72	Alyr__LN877383.1_CUA
	Other_topology	BS_scoreNA	Crub__NC_027693.1_YP_009161954.1_55 Cgra__NC_0
E	AC_topology	100	Csat__rpl36 Alyr__LN877383.1
E	Other_topology	BS_scoreNA	Alyr__LN877383.1_CUA65440.1_57 Csat__rps8 Cgra__NC_028517.1_YP_009182
E	BC_topology	4	Csat__rpl14 Crub__NC_027693.1_YP_009161957.1_58 Cgra__N
	Other_topology	BS_scoreNA	Bstri_NP_0510
	AC_topology	68	Crub__NC_027693.1_YP_009161959.1_60 Cgra__NC_0
E	Other_topology	BS_scoreNA	Crub__NC_027693.1_YP_009161960.1_61 Cgra_
E	AC_topology	97	Alyr__LN877383.1_CUA
	AC_topology	100	Alyr__LN877383.1_CUA
E	AC_topology	62	Crub__NC_027693.1_YP_009161968.1_69 Cgra_
	AC_topology	88	Alyr__LN877383.1_CUA
E	AC_topology	93	Alyr__LN877383.1_CUA
E	Other_topology	BS_scoreNA	Alyr__LN877383.1_CUA
E	BC_topology	10	Alyr__LN877383.1_CUA
	AC_topology	97	Crub__NC_027693.1_YP_009161973.1_74 Cgra__NC_0
	AC_topology	82	Alyr__LN877383.1_CUA
	Other_topology	BS_scoreNA	Cgra__NC_028517.1_YP_009182946.1_77 Crub__NC_0
E	AB_topology	49	Bstri_NP_0511
E	AC_topology	99	Alyr__LN877383.1_CUA