

GU0001289_160_before	OG0001289_160_after
Magnoliopsida_LOC107644723	Magnoliopsida_LOC107644723
Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.15g03743	Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.15g03743
Magnoliopsida_ardaradu.V14167.gnm1.Aradu.A05g02242	Magnoliopsida_ardaradu.V14167.gnm1.Aradu.A05g02242
Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.05g02133	Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.05g02133
Magnoliopsida_MED_0030845	Magnoliopsida_MED_0030845
Magnoliopsida_GLY_0032775	Magnoliopsida_GLY_0032775
Magnoliopsida_GLY_0059701	Magnoliopsida_GLY_0059701
Magnoliopsida_PHA_0019837	Magnoliopsida_PHA_0019837
Magnoliopsida_CEC_0007587	Magnoliopsida_CEC_0007587
Magnoliopsida_POP_0014352	Magnoliopsida_POP_0014352
Magnoliopsida_POP_0014353	Magnoliopsida_POP_0014353
Magnoliopsida_PRU_0001884	Magnoliopsida_PRU_0001884
Magnoliopsida_PRU_0001885	Magnoliopsida_PRU_0001885
Magnoliopsida_VIT_0007721	Magnoliopsida_VIT_0007721
Magnoliopsida_ACT_0017904	Magnoliopsida_ACT_0017904
Magnoliopsida_HEL_0005367	Magnoliopsida_HEL_0005367
Magnoliopsida_LIR_0004953	Magnoliopsida_LIR_0004953
Magnoliopsida_LIR_0004955	Magnoliopsida_LIR_0004955
Magnoliopsida_LIR_0004954	Magnoliopsida_LIR_0004954
Magnoliopsida_CIN_0001893	Magnoliopsida_CIN_0001893
Magnoliopsida_CIN_0015444	Magnoliopsida_CIN_0015444
Magnoliopsida_AQU_0015780	Magnoliopsida_AQU_0015780
Magnoliopsida_BRA_0006709	Magnoliopsida_BRA_0006709
Magnoliopsida_BRA_0006715	Magnoliopsida_BRA_0006715
Magnoliopsida_BRA_0006712	Magnoliopsida_BRA_0006712
Magnoliopsida_BRA_0006707	Magnoliopsida_BRA_0006707
Magnoliopsida_BRA_0006710	Magnoliopsida_BRA_0006710
Magnoliopsida_BRA_0006708	Magnoliopsida_BRA_0006708
Magnoliopsida_BRA_0006711	Magnoliopsida_BRA_0006711
Magnoliopsida_BRA_0006713	Magnoliopsida_BRA_0006713
Magnoliopsida_BRA_0006714	Magnoliopsida_BRA_0006714
Magnoliopsida_ORY_0028249	Magnoliopsida_ORY_0028249
Magnoliopsida_ASP_0007846	Magnoliopsida_ASP_0007846
Magnoliopsida_ASP_0008590	Magnoliopsida_ASP_0008590
Magnoliopsida_BRA_0048576	Magnoliopsida_BRA_0048576
Magnoliopsida_BRA_0048577	Magnoliopsida_BRA_0048577
Magnoliopsida_BRA_0048580	Magnoliopsida_BRA_0048580
Magnoliopsida_BRA_0048578	Magnoliopsida_BRA_0048578
Magnoliopsida_BRA_0048579	Magnoliopsida_BRA_0048579
Magnoliopsida_ORY_0002045	Magnoliopsida_ORY_0002045
Magnoliopsida_BRA_0002558	Magnoliopsida_BRA_0002558
Magnoliopsida_ORY_0017241	Magnoliopsida_ORY_0017241
Magnoliopsida_AMB_0016179	Magnoliopsida_AMB_0016179
Magnoliopsida_GLY_0069610	Magnoliopsida_GLY_0069610
Magnoliopsida_GLY_0069611	Magnoliopsida_GLY_0069611
Magnoliopsida_GLY_0009815	Magnoliopsida_GLY_0009815
Magnoliopsida_PHA_0027306	Magnoliopsida_PHA_0027306
Magnoliopsida_PHA_0027307	Magnoliopsida_PHA_0027307
Magnoliopsida_MED_0036115	Magnoliopsida_MED_0036115
Magnoliopsida_LOC107648785	Magnoliopsida_LOC107648785
Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.16g02028	Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.16g02028
Magnoliopsida_ardaradu.V14167.gnm1.Aradu.A06g01882	Magnoliopsida_ardaradu.V14167.gnm1.Aradu.A06g01882
Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.06g01865	Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.06g01865
Magnoliopsida_CEC_0006110	Magnoliopsida_CEC_0006110
Magnoliopsida_PRU_0027409	Magnoliopsida_PRU_0027409
Magnoliopsida_POP_0005802	Magnoliopsida_POP_0005802
Magnoliopsida_ACT_0019116	Magnoliopsida_ACT_0019116
Magnoliopsida_ACT_0019513	Magnoliopsida_ACT_0019513
Magnoliopsida_VIT_0002974	Magnoliopsida_VIT_0002974
Magnoliopsida_AQU_0005520	Magnoliopsida_AQU_0005520
Magnoliopsida_AQU_0005521	Magnoliopsida_AQU_0005521
Magnoliopsida_LIR_0018046	Magnoliopsida_LIR_0018046
Magnoliopsida_SOL_0008973	Magnoliopsida_SOL_0008973
Magnoliopsida_SOL_0016901	Magnoliopsida_SOL_0016901
Magnoliopsida_COF_0015139	Magnoliopsida_COF_0015139
Magnoliopsida_MIM_0020356	Magnoliopsida_MIM_0020356
Magnoliopsida_HEL_0030928	Magnoliopsida_HEL_0030928
Magnoliopsida_HEL_0048799	Magnoliopsida_HEL_0048799
Magnoliopsida_HEL_0035577	Magnoliopsida_HEL_0035577
Magnoliopsida_CUC_0005089	Magnoliopsida_CUC_0005089
Magnoliopsida_CUC_0005090	Magnoliopsida_CUC_0005090
Magnoliopsida_ARA_0000654	Magnoliopsida_ARA_0000654
Magnoliopsida_NYM_0028990	Magnoliopsida_NYM_0028990
Ginkgopsida_GIN_0009848	Ginkgopsida_GIN_0009848
Polypodiopsida_CER_0006496	Polypodiopsida_CER_0006496
Polypodiopsida_CER_0006497	Polypodiopsida_CER_0006497
Polypodiopsida_CER_0006498	Polypodiopsida_CER_0006498
Polypodiopsida_CER_0006500	Polypodiopsida_CER_0006500
Polypodiopsida_CER_0006499	Polypodiopsida_CER_0006499
Polypodiopsida_CER_0008253	Polypodiopsida_CER_0008253
Polypodiopsida_CER_0008255	Polypodiopsida_CER_0008255
Polypodiopsida_CER_0008254	Polypodiopsida_CER_0008254
Polypodiopsida_CER_0008256	Polypodiopsida_CER_0008256
Polypodiopsida_CER_0008257	Polypodiopsida_CER_0008257
Marchantiopsida_MAR_0015806	Marchantiopsida_MAR_0015806
Magnoliopsida_NYM_0030043	Magnoliopsida_NYM_0030043
Magnoliopsida_GLY_0012740	Magnoliopsida_GLY_0012740
Magnoliopsida_GLY_0067954	Magnoliopsida_GLY_0067954
Magnoliopsida_GLY_0012911	Magnoliopsida_GLY_0012911
Magnoliopsida_GLY_0020657	Magnoliopsida_GLY_0020657
Magnoliopsida_PHA_0007345	Magnoliopsida_PHA_0007345
Magnoliopsida_MED_0008777	Magnoliopsida_MED_0008777
Magnoliopsida_LOC107623189	Magnoliopsida_LOC107623189
Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.20g02782	Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.20g02782
Magnoliopsida_ardaradu.V14167.gnm1.Aradu.A10g02578	Magnoliopsida_ardaradu.V14167.gnm1.Aradu.A10g02578
Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.10g02334	Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.10g02334
Magnoliopsida_CEC_0012316	Magnoliopsida_CEC_0012316
Magnoliopsida_ARA_0014219	Magnoliopsida_ARA_0014219
Magnoliopsida_CUC_0016450	Magnoliopsida_CUC_0016450
Magnoliopsida_POP_0022119	Magnoliopsida_POP_0022119
Magnoliopsida_PRU_0025798	Magnoliopsida_PRU_0025798
Magnoliopsida_VIT_0006017	Magnoliopsida_VIT_0006017
Magnoliopsida_COF_0012020	Magnoliopsida_COF_0012020
Magnoliopsida_MIM_0010000	Magnoliopsida_MIM_0010000
Magnoliopsida_SOL_0017612	Magnoliopsida_SOL_0017612
Magnoliopsida_SOL_0033079	Magnoliopsida_SOL_0033079
Magnoliopsida_HEL_0016996	Magnoliopsida_HEL_0016996
Magnoliopsida_ACT_0024602	Magnoliopsida_ACT_0024602
Magnoliopsida_AMB_0010559	Magnoliopsida_AMB_0010559
Magnoliopsida_ASP_0001460	Magnoliopsida_ASP_0001460
Magnoliopsida_AQU_0040545	Magnoliopsida_AQU_0040545
Magnoliopsida_CIN_0018131	Magnoliopsida_CIN_0018131
Magnoliopsida_LIR_0027161	Magnoliopsida_LIR_0027161
Magnoliopsida_BRA_0018728	Magnoliopsida_BRA_0018728
Magnoliopsida_ORY_0025355	Magnoliopsida_ORY_0025355
Magnoliopsida_NYM_0021861	Magnoliopsida_NYM_0021861
Ginkgopsida_GIN_0021802	Ginkgopsida_GIN_0021802
Polypodiopsida_CER_0072960	Polypodiopsida_CER_0072960
Polypodiopsida_CER_0072961	Polypodiopsida_CER_0072961
Marchantiopsida_MAR_0000039	Marchantiopsida_MAR_0000039
Magnoliopsida_PHA_0017335	Magnoliopsida_PHA_0017335
Magnoliopsida_PHA_0017337	Magnoliopsida_PHA_0017337
Magnoliopsida_PHA_0017336	Magnoliopsida_PHA_0017336
Magnoliopsida_GLY_0007264	Magnoliopsida_GLY_0007264
Magnoliopsida_GLY_0050593	Magnoliopsida_GLY_0050593
Magnoliopsida_LOC107609024	Magnoliopsida_LOC107609024
Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.17g00190	Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.17g00190
Magnoliopsida_ardaradu.V14167.gnm1.Aradu.A07g00109	Magnoliopsida_ardaradu.V14167.gnm1.Aradu.A07g00109
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Magnoliopsida_MED_0028559	Magnoliopsida_MED_0028559
Magnoliopsida_CEC_0026315	Magnoliopsida_CEC_0026315
Magnoliopsida_ARA_0003765	Magnoliopsida_ARA_0003765
Magnoliopsida_CUC_0012152	Magnoliopsida_CUC_0012152
Magnoliopsida_POP_0009245	Magnoliopsida_POP_0009245
Magnoliopsida_PRU_0016407	Magnoliopsida_PRU_0016407
Magnoliopsida_VIT_0025024	Magnoliopsida_VIT_0025024
Magnoliopsida_COF_0001369	Magnoliopsida_COF_0001369
Magnoliopsida_MIM_0006610	Magnoliopsida_MIM_0006610
Magnoliopsida_HEL_0016846	Magnoliopsida_HEL_0016846
Magnoliopsida_SOL_0023092	Magnoliopsida_SOL_0023092
Magnoliopsida_ACT_0013551	Magnoliopsida_ACT_0013551
Magnoliopsida_AQU_0000820	Magnoliopsida_AQU_0000820
Magnoliopsida_BRA_0006609	Magnoliopsida_BRA_0006609
Magnoliopsida_BRA_0006610	Magnoliopsida_BRA_0006610
Magnoliopsida_BRA_0006608	Magnoliopsida_BRA_0006608
Magnoliopsida_ORY_0020876	Magnoliopsida_ORY_0020876
Magnoliopsida_ASP_0017746	Magnoliopsida_ASP_0017746
Magnoliopsida_CIN_0016993	Magnoliopsida_CIN_0016993
Magnoliopsida_LIR_0029597	Magnoliopsida_LIR_0029597
Magnoliopsida_NYM_0003707	Magnoliopsida_NYM_0003707
Magnoliopsida_AMB_0013535	Magnoliopsida_AMB_0013535
Ginkgopsida_GIN_0022714	Ginkgopsida_GIN_0022714
Polypodiopsida_CER_0031830	Polypodiopsida_CER_0031830
Polypodiopsida_CER_0031832	Polypodiopsida_CER_0031832
Polypodiopsida_CER_0031831	Polypodiopsida_CER_0031831
Polypodiopsida_CER_0031833	Polypodiopsida_CER_0031833
Polypodiopsida_CER_0031834	Polypodiopsida_CER_0031834
Marchantiopsida_MAR_0024546	Marchantiopsida_MAR_0024546
Chlorophyceae_CHL_0017926	Chlorophyceae_CHL_0017926
Chlorophyceae_DUN_0014540	Chlorophyceae_DUN_0014540
2.85759	2.85759