

OG0001284\_160\_before

GLY\_0022103  
GLY\_0022105  
GLY\_0022104  
GLY\_0028992  
GLY\_0028993  
PHA\_0001570  
PHA\_0001571  
MED\_0017131  
LOC107638393  
arharahy.Tifrunner.gnm1.Arahy.14g00052  
ardaradu.V14167.gnm1.Arudu.A04g00002  
arharahy.Tifrunner.gnm1.Arahy.04g00002  
PHA\_0011434  
PHA\_0011435  
PHA\_0011436  
PHA\_0011437  
GLY\_0053514  
GLY\_0053516  
GLY\_0053515  
CEC\_0031775  
CUC\_0025136  
PRU\_0031845  
PRU\_0031846  
PRU\_0031847  
PRU\_0028167  
POP\_0000537  
POP\_0000539  
POP\_0000538  
POP\_0012052  
POP\_0012053  
POP\_0004117  
POP\_0003471  
POP\_0003472  
POP\_0003473  
ARA\_0011083  
ARA\_0015639  
ARA\_0010782  
ARA\_0015582  
ARA\_0019391  
VIT\_0012781  
VIT\_0028904  
MIM\_0031014  
MIM\_0031016  
MIM\_0031015  
MIM\_0027888  
MIM\_0028733  
COF\_0003877  
SOL\_0009804  
SOL\_0025186  
HEL\_0048986  
HEL\_0049296  
HEL\_0012890  
HEL\_0016452  
HEL\_0016555  
HEL\_0051133  
ACT\_0009266  
ACT\_0038748  
ACT\_0015019  
ACT\_0021656  
ACT\_0029173  
ACT\_0012607  
ACT\_0034846  
ACT\_0029781  
ACT\_0020562  
AQU\_0019549  
AQU\_0019551  
AQU\_0019552  
AQU\_0019550  
AQU\_0019554  
AQU\_0019553  
AQU\_0019555  
AQU\_0019556  
AQU\_0019569  
LIR\_0007127  
LIR\_0007129  
LIR\_0007130  
LIR\_0007128  
LIR\_0007132  
LIR\_0028696  
LIR\_0038757  
LIR\_0038758  
LIR\_0038760  
LIR\_0038755  
LIR\_0038756  
LIR\_0038759  
CIN\_0017466  
BRA\_0053929  
BRA\_0053930  
BRA\_0053931  
ORY\_0022044  
BRA\_0000589  
ORY\_0027781  
ASP\_0018617  
GLY\_0067706  
GLY\_0067734  
GLY\_0067707  
PHA\_0005257  
MED\_0015938  
MED\_0027842  
MED\_0016389  
MED\_0016390  
ardaradu.V14167.gnm1.Arudu.A10g03028  
arharahy.Tifrunner.gnm1.Arahy.10g02792  
arharahy.Tifrunner.gnm1.Arahy.10g02791  
LOC107623510  
arharahy.Tifrunner.gnm1.Arahy.20g03248  
CEC\_0008562  
PRU\_0034004  
PRU\_0034005  
POP\_0034008  
POP\_0034010  
POP\_0034009  
POP\_0034011  
VIT\_0002200  
SOL\_0004421  
SOL\_0016163  
COF\_0017516  
MIM\_0032964  
MIM\_0032965  
ACT\_0007990  
HEL\_0002607  
HEL\_0026325  
AMB\_0002405  
ASP\_0025413  
MED\_0034224  
MED\_0034225  
MED\_0034226  
MED\_0036246  
CIN\_0009283  
LIR\_0012525  
NYM\_0008050  
NYM\_0008052  
NYM\_0008051  
NYM\_0030242  
AMB\_0006348  
AMB\_0011860  
GIN\_0019256  
GIN\_0025678  
GIN\_0011706  
GIN\_0004496  
GIN\_0004355  
CER\_0027469  
CER\_0027470  
CER\_0056549  
MAR\_0005436  
MAR\_0005437  
CER\_0002270  
CER\_0002272  
CER\_0002271  
CER\_0028687  
CER\_0028688  
CER\_0028689  
VIT\_0017866  
CIN\_0009283  
LIR\_0012525  
NYM\_0008050  
NYM\_0008052  
NYM\_0008051  
NYM\_0030242  
AMB\_0006348  
AMB\_0011860  
GIN\_0019256  
GIN\_0025678  
GIN\_0011706  
GIN\_0004496  
GIN\_0004355  
CER\_0027469  
CER\_0027470  
CER\_0056549  
MAR\_0005436  
MAR\_0005437  
CER\_0002270  
CER\_0002272  
CER\_0002271  
CER\_0028687  
CER\_0028688  
CER\_0028689  
VIT\_0015072  
CHL\_0012870  
DUN\_0007337

OG0001284\_160\_after

GLY\_0022103  
GLY\_0022105  
GLY\_0022104  
GLY\_0028992  
GLY\_0028993  
PHA\_0001570  
PHA\_0001571  
MED\_0017131  
LOC107638393  
arharahy.Tifrunner.gnm1.Arahy.14g00052  
ardaradu.V14167.gnm1.Arudu.A04g00002  
arharahy.Tifrunner.gnm1.Arahy.04g00002  
PHA\_0011434  
PHA\_0011435  
PHA\_0011436  
PHA\_0011437  
GLY\_0053514  
GLY\_0053516  
GLY\_0053515  
CEC\_0031775  
CUC\_0025136  
PRU\_0031845  
PRU\_0031846  
PRU\_0031847  
PRU\_0028167  
POP\_0000537  
POP\_0000539  
POP\_0000538  
POP\_0012052  
POP\_0012053  
POP\_0004117  
POP\_0003471  
POP\_0003472  
POP\_0003473  
ARA\_0011083  
ARA\_0015639  
ARA\_0010782  
ARA\_0015582  
ARA\_0019391  
VIT\_0028904  
MIM\_0031014  
MIM\_0031016  
MIM\_0031015  
MIM\_0027888  
MIM\_0028733  
COF\_0003877  
SOL\_0009804  
SOL\_0025186  
HEL\_0048986  
HEL\_0049296  
HEL\_0012890  
HEL\_0016452  
HEL\_0016555  
HEL\_0051133  
ACT\_0009266  
ACT\_0038748  
ACT\_0015019  
ACT\_0021656  
ACT\_0029173  
ACT\_0012607  
ACT\_0034846  
ACT\_0029781  
ACT\_0020562  
AQU\_0019549  
AQU\_0019551  
AQU\_0019552  
AQU\_0019550  
AQU\_0019554  
AQU\_0019553  
AQU\_0019555  
AQU\_0019556  
AQU\_0019569  
LIR\_0007127  
LIR\_0007129  
LIR\_0007130  
LIR\_0007128  
LIR\_0007132  
LIR\_0028696  
LIR\_0038757  
LIR\_0038758  
LIR\_0038760  
LIR\_0038755  
LIR\_0038756  
LIR\_0038759  
CIN\_0017466  
BRA\_0053929  
BRA\_0053930  
BRA\_0053931  
ORY\_0022044  
BRA\_0000589  
ORY\_0027781  
ASP\_0018617  
GLY\_0067706  
GLY\_0067734  
GLY\_0067707  
PHA\_0005257  
MED\_0015938  
MED\_0027842  
MED\_0016389  
MED\_0016390  
ardaradu.V14167.gnm1.Arudu.A10g03028  
arharahy.Tifrunner.gnm1.Arahy.10g02792  
arharahy.Tifrunner.gnm1.Arahy.10g02791  
LOC107623510  
arharahy.Tifrunner.gnm1.Arahy.20g03248  
CEC\_0008562  
PRU\_0034004  
PRU\_0034005  
POP\_0034008  
POP\_0034010  
POP\_0034009  
POP\_0034011  
VIT\_0002200  
SOL\_0004421  
SOL\_0016163  
COF\_0017516  
MIM\_0032964  
MIM\_0032965  
ACT\_0007990  
HEL\_0002607  
HEL\_0026325  
AMB\_0002405  
ASP\_0025413  
CIN\_0009283  
LIR\_0012525  
MED\_0034224  
MED\_0034225  
MED\_0034226  
MED\_0036246  
NYM\_0008050  
NYM\_0008052  
NYM\_0008051  
NYM\_0030242  
AMB\_0006348  
AMB\_0011860  
GIN\_0019256  
GIN\_0025678  
GIN\_0011706  
GIN\_0004496  
GIN\_0004355  
CER\_0027469  
CER\_0027470  
CER\_0056549  
MAR\_0005436  
MAR\_0005437  
CER\_0002270  
CER\_0002272  
CER\_0002271  
CER\_0028687  
CER\_0028688  
CER\_0028689  
VIT\_0015072  
CHL\_0012870  
DUN\_0007337

2.411 1.34363