G7018\_GTRGAMMA\_ML\_tree Papi\_Gastrolobium\_praemorsum\_1007178 -Papi\_Gastrolobium\_praemorsum\_1007179 -Papi\_Erinacea\_anthyllis\_1225775 9<u>9</u> -Papi\_Gastrolobium\_praemorsum\_1002122 -Papi\_Gastrolobium\_praemorsum\_1002121 -Papi\_Erinacea\_anthyllis\_1225784 9<u>6</u> └Papi\_Hippocrepis\_comosa\_1042518 -Papi\_Erinacea\_anthyllis\_1225793 99 -Papi\_Erinacea\_anthyllis\_1225794 -Papi\_Gastrolobium\_praemorsum\_1069828 7<u>8</u> -Papi\_Austrosteenisia\_blackii\_1002525 6<u>6</u> Papi\_Hippocrepis\_comosa\_1001859 94 -Papi\_Erinacea\_anthyllis\_1343663 -Papi\_Austrosteenisia\_blackii\_1067339 -Papi\_Erinacea\_anthyllis\_1151268 -Papi\_Erinacea\_anthyllis\_1151267 92 -Papi\_Erinacea\_anthyllis\_1225788 9<u>6</u> -Papi\_Erinacea\_anthyllis\_1225786 -Papi\_Gastrolobium\_praemorsum\_1078111 -Papi\_Erinacea\_anthyllis\_1225785 -Papi\_Erinacea\_anthyllis\_1225792 90 6<u>5</u> -Papi\_Erinacea\_anthyllis\_1225787 -Papi\_Erinacea\_anthyllis\_1151270 Papi\_Hippocrepis\_comosa\_1049118 -Papi\_Erinacea\_anthyllis\_1151269 -Papi\_Erinacea\_anthyllis\_1151278 -Papi\_Gastrolobium\_praemorsum\_1005630 -Papi\_Gastrolobium\_praemorsum\_1005631 ·Papi\_Gastrolobium\_praemorsum\_1005629 -Papi\_Gastrolobium\_praemorsum\_1005628 98 Papi\_Erinacea\_anthyllis\_1151266 Papi\_Erinacea\_anthyllis\_1151265 -Papi\_Erinacea\_anthyllis\_1151272 -Papi\_Erinacea\_anthyllis\_1151273 94 7<u>9</u> -Papi\_Erinacea\_anthyllis\_1151274 -Papi\_Erinacea\_anthyllis\_1225790 -Papi\_Erinacea\_anthyllis\_1151271 -Papi\_Erinacea\_anthyllis\_1151275 -Papi\_Erinacea\_anthyllis\_1151276 Papi\_Dipteryx\_odorata\_1005789 9<u>0</u> -Papi\_Erinacea\_anthyllis\_1283823 9<u>5</u> Papi\_Pultenaea\_villosa\_1139262 Papi\_Dipteryx\_odorata\_1004982 └Papi\_Erinacea\_anthyllis\_1225774 -Papi\_Myroxylon\_toluiferum\_1055898 9<u>8</u> └Papi\_Erinacea\_anthyllis\_1057587 87 34 -Papi\_Gastrolobium\_praemorsum\_1088239 -Papi\_Pultenaea\_villosa\_1106824 8<u>4</u> 97 -Papi\_Pultenaea\_villosa\_1124102 Papi\_Pultenaea\_villosa\_1131060 -Papi\_Erinacea\_anthyllis\_1367901 -Papi\_Erinacea\_anthyllis\_1151263 9<u>6</u> Papi\_Erinacea\_anthyllis\_1019743 57 -Papi\_Pultenaea\_villosa\_1117354 85 -Papi\_Pultenaea\_villosa\_1002742 -Papi\_Erinacea\_anthyllis\_1254590 Papi\_Pultenaea\_villosa\_1128326 85 └─Papi\_Gastrolobium\_praemorsum\_1072911 ·Cerc\_Adenolobus\_garipensis\_1112146 8<u>0</u> -Cerc\_Adenolobus\_garipensis\_1112143 8<u>0</u> —Cerc\_Adenolobus\_garipensis\_1112144 -Cerc\_Adenolobus\_garipensis\_1112145 -Papi\_Pultenaea\_villosa\_1015996 -Papi\_Pultenaea\_villosa\_1015995 95 79 -Papi\_Pultenaea\_villosa\_1015997 87 -Papi\_Pultenaea\_villosa\_1167469 -Cerc\_Adenolobus\_garipensis\_1112149 9<u>6</u> Cerc\_Adenolobus\_garipensis\_1113848 96 9<u>0</u> Cerc\_Adenolobus\_garipensis\_1113847 -Papi\_Pultenaea\_villosa\_1140510 -Papi\_Pultenaea\_villosa\_1143071 -Papi\_Pultenaea\_villosa\_1160657 -Papi\_Dipteryx\_odorata\_1052334 90 71 -Papi\_Dipteryx\_odorata\_1004073 -Papi\_Gastrolobium\_praemorsum\_1064148 Papi\_Dipteryx\_odorata\_1001285 8<u>2</u> -Cerc\_Adenolobus\_garipensis\_1015229 7<u>4</u> -Papi\_Gastrolobium\_praemorsum\_1000069 -Papi\_Austrosteenisia\_blackii\_1065071 66 └─Papi\_Erinacea\_anthyllis\_1034951 -Papi\_Erinacea\_anthyllis\_1004152 -Papi\_Pultenaea\_villosa\_1009011 Cerc\_Adenolobus\_garipensis\_1113849 -Papi\_Gastrolobium\_praemorsum\_1008487 -Papi\_Erinacea\_anthyllis\_1151264 9<u>2</u> 5<u>4</u> -Caes\_Umtiza\_listeriana\_1001032 Cerc\_Adenolobus\_garipensis\_1113850 -Papi\_Gastrolobium\_praemorsum\_1070284 99 -Papi\_Erinacea\_anthyllis\_1049108 97 -Caes\_Umtiza\_listeriana\_1001031 -Papi\_Erinacea\_anthyllis\_1001338 9<u>9</u> -Papi\_Erinacea\_anthyllis\_1001337 Papi\_Erinacea\_anthyllis\_1039441 96 └─Papi\_Erinacea\_anthyllis\_1225782 -Papi\_Cytisus\_filipes\_1049796 8<u>3</u> -Papi\_Dipteryx\_odorata\_1005791 98 -Papi\_Dipteryx\_odorata\_1005792 95 -Cerc\_Adenolobus\_garipensis\_1012976 Papi\_Erinacea\_anthyllis\_1316555 Papi\_Erinacea\_anthyllis\_1372291 Papi\_Trischidium\_molle\_1050619 97 -Papi\_Erinacea\_anthyllis\_1276803 -Papi\_Gastrolobium\_praemorsum\_1008486 -Papi\_Dipteryx\_odorata\_1005790 8<u>3</u> 9<u>3</u> -Papi\_Cytisus\_filipes\_1048662 87 -Papi\_Erinacea\_anthyllis\_1062436 ·Cerc\_Adenolobus\_garipensis\_1050663 -Papi\_Gastrolobium\_praemorsum\_1085414 94 -Papi\_Pultenaea\_villosa\_1123213 -Papi\_Gastrolobium\_praemorsum\_1089031 9<u>6</u> -Papi\_Pultenaea\_villosa\_1124854 Papi\_Pultenaea\_villosa\_1088505 Papi\_Pultenaea\_villosa\_1185094 7<u>6</u> 8<u>0</u> -Papi\_Pultenaea\_villosa\_1091931 Papi\_Erinacea\_anthyllis\_1043664 -Papi\_Erinacea\_anthyllis\_1392363 -Papi\_Dipteryx\_odorata\_1045908 <u>95</u> 86 -Papi\_Austrosteenisia\_blackii\_1068520 -Papi\_Erinacea\_anthyllis\_1041924 -Papi\_Erinacea\_anthyllis\_1057586 95

-Papi\_Erinacea\_anthyllis\_1288182