G3638\_GTRGAMMA\_ML\_tree Papi\_Pultenaea\_villosa\_1104849 Papi\_Austrosteenisia\_blackii\_1026354 Papi\_Gastrolobium\_praemorsum\_1007061 99 ·Papi\_Gastrolobium\_praemorsum\_1068631 Papi\_Dipteryx\_odorata\_1047188 Papi\_Dipteryx\_odorata\_1031496 Papi\_Erinacea\_anthyllis\_1279015 Papi\_Gastrolobium\_praemorsum\_1075945 9<u>8</u> Papi\_Pultenaea\_villosa\_1021085 Papi\_Pultenaea\_villosa\_1021087 Papi\_Pultenaea\_villosa\_1021084 Papi\_Gastrolobium\_praemorsum\_1071460 Papi\_Pultenaea\_villosa\_1177780 97 Papi\_Pultenaea\_villosa\_1148282 -Papi\_Erinacea\_anthyllis\_1252415 Papi\_Erinacea\_anthyllis\_1262824 Papi\_Erinacea\_anthyllis\_1323243 <u>69</u> 6<u>9</u> 39 Papi\_Erinacea\_anthyllis\_1252405 Papi\_Erinacea\_anthyllis\_1281606 Papi\_Erinacea\_anthyllis\_1307136 Papi\_Erinacea\_anthyllis\_1161980 Papi\_Erinacea\_anthyllis\_1161979 Papi\_Erinacea\_anthyllis\_1161978 Papi\_Myroxylon\_toluiferum\_1039963 6<u>6</u> Papi\_Pultenaea\_villosa\_1101060 92 Papi\_Myroxylon\_toluiferum\_1048427 Papi\_Gastrolobium\_praemorsum\_1007062 Papi\_Gastrolobium\_praemorsum\_1065247 Papi\_Pultenaea\_villosa\_1164135 ·Papi\_Pultenaea\_villosa\_1166055 Papi\_Pultenaea\_villosa\_1008285 8<u>3</u> Papi\_Dipteryx\_odorata\_1046088 Papi\_Pultenaea\_villosa\_1172343 ·Papi\_Pultenaea\_villosa\_1166515 Papi\_Aganope\_thyrsiflora\_1035080 32 34 Papi\_Aganope\_thyrsiflora\_1034069 Papi\_Pultenaea\_villosa\_1141320 87 Papi\_Aganope\_thyrsiflora\_1037378 Papi\_Erinacea\_anthyllis\_1121845 32 Papi\_Erinacea\_anthyllis\_1121844 98 Papi\_Erinacea\_anthyllis\_1121843 1<u>9</u> Papi\_Trischidium\_molle\_1049245 5<u>2</u> -Papi\_Trischidium\_molle\_1049073 6<u>9</u> -Papi\_Gastrolobium\_praemorsum\_1069845 ·Papi\_Erinacea\_anthyllis\_1151734 99 -Papi\_Erinacea\_anthyllis\_1161987 Cerc\_Adenolobus\_garipensis\_1154841 Cerc\_Adenolobus\_garipensis\_1154840 9<u>5</u> Papi\_Dipteryx\_odorata\_1009038 Papi\_Hippocrepis\_comosa\_1047180 Cerc\_Adenolobus\_garipensis\_1090569 6<u>5</u> Papi\_Erinacea\_anthyllis\_1247443 63 89 Papi\_Erinacea\_anthyllis\_1285216 ·Cerc\_Adenolobus\_garipensis\_1090727 9<u>4</u> Cerc\_Adenolobus\_garipensis\_1090726 Cerc\_Adenolobus\_garipensis\_1074215 ·Cerc\_Adenolobus\_garipensis\_1158061 Cerc\_Adenolobus\_garipensis\_1090573 Cerc\_Adenolobus\_garipensis\_1090574 Cerc\_Adenolobus\_garipensis\_1090575 Papi\_Erinacea\_anthyllis\_1161984 Papi\_Erinacea\_anthyllis\_1161982 99 Papi\_Erinacea\_anthyllis\_1161983 9<u>9</u> 91 Papi\_Erinacea\_anthyllis\_1161981 ·Papi\_Erinacea\_anthyllis\_1161992 Papi\_Erinacea\_anthyllis\_1161986 9<u>6</u> Papi\_Erinacea\_anthyllis\_1161985 93 61 Papi\_Austrosteenisia\_blackii\_1001783 ·Papi\_Erinacea\_anthyllis\_1151736 92 -Papi\_Erinacea\_anthyllis\_1151737 ·Papi\_Gastrolobium\_praemorsum\_1085549 ·Papi\_Erinacea\_anthyllis\_1161989 99 Papi\_Erinacea\_anthyllis\_1161988 99 ·Papi\_Erinacea\_anthyllis\_1151738 -Papi\_Erinacea\_anthyllis\_1161994 29 Papi\_Erinacea\_anthyllis\_1252413 -Papi\_Erinacea\_anthyllis\_1252412 ·Papi\_Erinacea\_anthyllis\_1151733 Cerc\_Adenolobus\_garipensis\_1090567 Papi\_Astragalus\_lentiginosus\_1064942 99 Cerc\_Adenolobus\_garipensis\_1090570 91 Papi\_Erinacea\_anthyllis\_1182412 Papi\_Austrosteenisia\_blackii\_1026357 ·Papi\_Gastrolobium\_praemorsum\_1017732 8<u>9</u> Papi\_Gastrolobium\_praemorsum\_1017731 87 Papi\_Austrosteenisia\_blackii\_1012013 88 Papi\_Gastrolobium\_praemorsum\_1017734 -Papi\_Gastrolobium\_praemorsum\_1017733 Papi\_Erinacea\_anthyllis\_1151735 ·Papi\_Erinacea\_anthyllis\_1252411 Papi\_Erinacea\_anthyllis\_1161993 9<u>8</u> ·Papi\_Erinacea\_anthyllis\_1252414 Papi\_Austrosteenisia\_blackii\_1026356 Papi\_Austrosteenisia\_blackii\_1026355 72 Papi\_Erinacea\_anthyllis\_1252409 Papi\_Erinacea\_anthyllis\_1252408 Papi\_Austrosteenisia\_blackii\_1026358 -Papi\_Gastrolobium\_praemorsum\_1096046 Papi\_Pultenaea\_villosa\_1035080 Papi\_Pultenaea\_villosa\_1035079 Papi\_Pultenaea\_villosa\_1035077 Cerc\_Adenolobus\_garipensis\_1104547 Cerc\_Adenolobus\_garipensis\_1090723 22 Cerc\_Adenolobus\_garipensis\_1104540 54 Cerc\_Adenolobus\_garipensis\_1090724 Papi\_Pultenaea\_villosa\_1096473 Papi\_Erinacea\_anthyllis\_1062689 9<u>4</u> 30 Cerc\_Adenolobus\_garipensis\_1104538 Cerc\_Adenolobus\_garipensis\_1104539 80 ·Cerc\_Adenolobus\_garipensis\_1090725 Papi\_Pultenaea\_villosa\_1035083 Cerc\_Adenolobus\_garipensis\_1053606 Papi\_Austrosteenisia\_blackii\_1064692 Papi\_Erinacea\_anthyllis\_1252410 ·Cerc\_Adenolobus\_garipensis\_1053604 Serc\_Adenolobus\_garipensis\_1053605 6<u>9</u> ·Cerc\_Adenolobus\_garipensis\_1104543 Cerc\_Adenolobus\_garipensis\_1104542 Papi\_Pultenaea\_villosa\_1154569 Cerc\_Adenolobus\_garipensis\_1053600 96 5<u>3</u> Cerc\_Adenolobus\_garipensis\_1053601 Cerc\_Adenolobus\_garipensis\_1053603 99 Cerc\_Adenolobus\_garipensis\_1053597 8<u>0</u> ·Cerc\_Adenolobus\_garipensis\_1104544 2<u>8</u> Cerc\_Adenolobus\_garipensis\_1104545 ·Cerc\_Adenolobus\_garipensis\_1148263 Cerc\_Adenolobus\_garipensis\_1053598 5<u>6</u> ·Cerc\_Adenolobus\_garipensis\_1053599 Cerc\_Adenolobus\_garipensis\_1053602 Papi\_Hippocrepis\_comosa\_1000450 Papi\_Myroxylon\_toluiferum\_1048170 93 Papi\_Dipteryx\_odorata\_1003163 8<u>1</u> Papi\_Pultenaea\_villosa\_1102785 6<u>7</u> Papi\_Erinacea\_anthyllis\_1161990 54 ·Papi\_Hippocrepis\_comosa\_1048986 9<u>8</u> Papi\_Pultenaea\_villosa\_1035075 99 -Papi\_Pultenaea\_villosa\_1035074 ·Papi\_Pultenaea\_villosa\_1035071 -Papi\_Pultenaea\_villosa\_1035072 Papi\_Gastrolobium\_praemorsum\_1084030 Papi\_Erinacea\_anthyllis\_1362877 9<u>9</u> 9<u>9</u> Papi\_Erinacea\_anthyllis\_1344784 99 Caes\_Umtiza\_listeriana\_1051910 ·Papi\_Pultenaea\_villosa\_1037572 72 ·Papi\_Erinacea\_anthyllis\_1035720 90 -Papi\_Erinacea\_anthyllis\_1305614 9<u>5</u> Cerc\_Adenolobus\_garipensis\_1009709 Cerc\_Adenolobus\_garipensis\_1104548 Cerc\_Adenolobus\_garipensis\_1053596 <u>48</u> Papi\_Erinacea\_anthyllis\_1314250 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Cerc\_Adenolobus\_garipensis\_1090572 98 -Papi\_Erinacea\_anthyllis\_1252407 ·Papi\_Jacksonia\_scoparia\_1001006 Papi\_Pultenaea\_villosa\_1146218 9<u>3</u> ·Papi\_Erinacea\_anthyllis\_1306322 93 ·Papi\_Erinacea\_anthyllis\_1238341 Papi\_Erinacea\_anthyllis\_1297771 82 Papi\_Austrosteenisia\_blackii\_1061877 93 Papi\_Jacksonia\_scoparia\_1055204

·Papi\_Pultenaea\_villosa\_1143649