

7 - SET - 2012

plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dif12	MUL12	AltMed12	AltMort12	Comentarios12
A1	20	30	192	2.45	291	PRES	DECU	1	53	130M	1	53		130M		
A1	20	30	193	2.50	210	SWAR	SIMP	1	76	1000	1	9076		1000	213	9003 sin causa
A1	20	30	194	4.34	253	GUAR	BULL	1	47	130M	1	47		130M		obviro AIT 213
A1	20	30	198	9.75	283	RINO	DEFL	1	69	130M	2	70	Mul	130M		
A1	20	30	198	9.75	283	RINO	DEFL	2	22.6	130M	2	23.0	Mul	130M		
A1	20	30	203	10.73	244	RINO	DEFL	1	85	130M	1	87		130M		
A1	20	30	205	6.72	247	CYMB	TORU	1	40	130M	1	40		130M		
A1	20	30	209	9.22	222	GEON	CONG	2	28.1	130M	16	28.1	Mul			
A1	20	30	209	9.22	222	GEON	CONG	3	31.1	130M	16	31.1	Mul			
A1	20	30	209	9.22	222	GEON	CONG	4	25.8	130M	16	25.8	Mul			
A1	20	30	209	9.22	222	GEON	CONG	5	28.8	130M	16	28.8	Mul			
A1	20	30	209	9.22	222	GEON	CONG	6	21.2	130M	16	21.2	Mul			
A1	20	30	209	9.22	222	GEON	CONG	7	24.5	130M	16	24.5	Mul	130M		
A1	20	30	209	9.22	222	GEON	CONG	8	23.8	130M	16	23.8	Mul	130M		
A1	20	30	209	9.22	222	GEON	CONG	9	33.5	130M	16	33.5	Mul	130M		
A1	20	30	209	9.22	222	GEON	CONG	10	33.2	130M	16	33.3	Mul	130M		
A1	20	30	209	9.22	222	GEON	CONG	11	26.2	130M	16	26.2	Mul	130M		
A1	20	30	209	9.22	222	GEON	CONG	12	31.3	130M	16	31.3	Mul	130M		
A1	20	30	209	9.22	222	GEON	CONG	13	35.5	130M	16	35.5	Mul	130M		
A1	20	30	209	9.22	222	GEON	CONG	14	27.5	130M	16	27.5	Mul	130M		tiene 3 tallos nuevos
A1	20	30	210	7.60	229	GEON	CONG	2	27.7	130M	5	27.7	Mul	130M		
A1	20	30	210	7.60	229	GEON	CONG	8	20.9	130M	5	20.9	Mul	130M		
A1	20	30	210	7.60	229	GEON	CONG	13	23.5	130M	5	23.5	Mul	130M		
A1	20	30	210	7.60	229	GEON	CONG	14	19.3	130M	5	19.3	Mul	130M		
A1	20	30	210	7.60	229	GEON	CONG	15	22.9	130M	5	22.9	Mul	130M		
A1	20	30	211	5.87	240	GEON	CONG	1	20.1	130M	4	20.1	Mul	130M		
A1	20	30	211	5.87	240	GEON	CONG	2	18.4	130M	4	18.4	Mul	130M		
A1	20	30	211	5.87	240	GEON	CONG	4	26.3	130M	4	26.3	Mul	130M		

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dfid12	MUL12	AltMed12	AltMort12	Comentarios12
A1	20	30	211	5.87	240	GEON	CONG	5	26.7	130M	4	26.7	Mul	130M		
A1	20	30	219	11.75	247	PERE	HISP	1	19.3	130M	1	19.3		130M		
A1	20	30	227	4.95	233	GOET	MEIA	1	97	130M	1	120		130M		Se remedió QJO
A1	20	30	228	7.20	265	CEST	MICR	2	49	130M	3	52	Mul	130M		
A1	20	30	228	7.20	265	CEST	MICR	3	23.6	130M	3	23.6	Mul	130M		
A1	20	30	229	7.95	277	GOET	MEIA	1	65	130M	1	75		130M		se remedió
A1	20	30	230	12.75	247	COLU	SPIN	1	17.2	130M	1	17.3		130M		
A1	20	30	231	9.55	225	SALO	CIRC	1	60	130M	1	61		130M		
A1	20	30	59	5.50	288	ZIGI	GIGA	1	13	1000	4	13.0	Mul	1000		
A1	20	30	59	5.50	288	ZIGI	GIGA	2	14	1000	4	14.0	Mul	1000		
A1	20	30	59	5.50	288	ZIGI	GIGA	3	14.3	1000	4	14.3	Mul	1000		
A1	20	30	59	5.50	288	ZIGI	GIGA	4	14.3	1000	4	14.4	Mul	1000		
A1	20	30	236	8.71	225	GOET	MEIA	1	48	130M	1	69		130M		Se remedió
A1	20	30	237	8.55	227	GOET	MEIA	1	18.3	130M	1	18.3		130M		
A1	20	30	238	9.55	237	GOET	MEIA	1	43	130M	1	52		130M		
A1	20	30	239	9.75	260	GOET	MEIA	1	64	130M	1	82		130M		Se remedió
A1	20	30	239	9.75	260	GOET	MEIA	2	13.3	130M	—	9003	—	—		Horizontal sin causas
A1	20	30	240	9.88	248	MICO		1	12.5	130M	1	12.5		130M		obvia
A1	20	30	241	5.70	204			1	21.6	130M	1	21.6		130M		
A1	20	30	245	3.03	263	PRES	DECU	1	63	130M	1	63		130M		
A1	20	30	246	8.21	222	RAUV	PURP	1	10.6	130M	1	10.6		130M		
A1	20	30	228	7.20	265	Cest	micr	4	—	—	3	17.6	Mul	130M		
A1	20	30	257	8.17	252	Pres	Docu	1	—	—	1	63		130M		
A1	20	30	209	9.22	222	Geon	Cong	15	—	—	16	27.7	Mul	130M		
A1	20	30	209	9.22	222	Geon	Cong	16	—	—	16	25.8	Mul	130M		
A1	20	30	209	9.22	222	Geon	Cong	17	—	—	16	27.0	Mul	130M		
A1	20	30	258	1.37	220	Geon	Cong	1	—	—	1	13.2		130M		

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dif12	MUL12	AltMed12	AltMort12	Commentarios12
A2	20	30	286	2.89	41	LACI	SARA	1	52	130M	1	53		130M		
A2	20	30	287	1.71	24	GEON	CONG	1	15.2	130M	2	15.2	Mul	130M		
A2	20	30	287	1.71	24	GEON	CONG	2	16.8	130M	2	16.8	Mul	130M		
A2	20	30	288	5.08	21	ANAX	CRAS	1	42	130M	1	45		130M		
A2	20	30	289	4.73	40	ANAX	CRAS	1	39.8	130M	1	42.9		130M		Con cinta 41 Dip
A2	20	30	290	5.62	47	ANAX	CRAS	1	13.4	130M	-	9603	-	-		Horizontal sin cuesa obvio
A2	20	30	291	5.71	58	ANAX	CRAS	1	24.2	130M	2	24.2	Mul	130M		
A2	20	30	291	5.71	58	ANAX	CRAS	2	26.2	130M	2	29.1	Mul	130M		
A2	20	30	292	6.24	50	FARA	PARV	1	74	130M	1	78		130M		
A2	20	30	294	6.57	45	PIPE	CENO	1	22	130M	2	22.0	Mul	130M		
A2	20	30	294	6.57	45	PIPE	CENO	2	25.6	130M	2	25.7	Mul	130M		
A2	20	30	295	8.07	45	MAQU	GUIA	1	14.4	130M	1	14.4		130M		
A2	20	30	296	7.68	37	DICH	AXIL	1	15.3	130M	1	15.5		130M		
A2	20	30	297	8.73	59	SWAR	SIMP	1	34	1000	1	34.0		1000		
A2	20	30	298	9.27	47	LACI	AGGR	1	34.4	130M	1	35.7		130M		
A2	20	30	299	8.86	37	ANAX	CRAS	1	69	130M	1	69		130M		
A2	20	30	300	8.83	11	ANAX	CRAS	1	44	130M	1	47		130M		
A2	20	30	301	8.00	10	GUAT	DIOS	1	22.4	130M	1	22.6		130M		
A2	20	30	303	8.00	350	ANAX	CRAS	1	23.5	130M	1	24.6		130M		
A2	20	30	304	7.68	353	SWAR	SIMP	1	32.1	130M	1	32.1		130M		
A2	20	30	305	9.81	345	GUAT	DIOS	2	33.5	130M	4	37.0	Mul	130M		
A2	20	30	305	9.81	345	GUAT	DIOS	3	32.2	130M	4	35.6	Mul	130M		
A2	20	30	305	9.81	345	GUAT	DIOS	4	23.2	130M	4	23.2	Mul	130M		
A2	20	30	305	9.81	345	GUAT	DIOS	5	10.6	130M	4	13.7	Mul	130M		
A2	20	30	314	1.23	356	ANAX	CRAS	1	18.3	130M	1	19.4		130M		
A2	20	30	321	5.08	21	BIRS	CRAS	1	17.1	130M	1	17.1		130M		
A2	20	30	324	8.60	18	ANAX	CRAS	1	12.7	130M	1	13.8		130M		
A2	20	30	325	7.83	12	ANAX	CRAS	1	13.6	130M	-	9003	-	-		Horizontal sin cuesa + obvio

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[illegible]

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dfid12	MUL12	AltMed12	AltMort12	Comentarios12
A3	20	30	246	2.77	101	RINO	DEFL	1	38.2	130M	1	38.2		130M		
A3	20	30	247	4.19	110	ANAX	CRAS	1	96	130M	1	96		130M		
A3	20	30	248	6.45	105	POSO	1134	1	37.3	130M	1	37.3		130M		
A3	20	30	249	6.24	112	FARA	SUER	1	31	130M	2	31.0	Mul	130M		
A3	20	30	249	6.24	112	FARA	SUER	2	15.7	130M	2	15.7	Mul	130M		
A3	20	30	252	12.85	123	DYPT	PANA	1	32	130M	1	32.0		130M		
A3	20	30	254	12.45	127	PINZ	CORE	1	48	130M	1	49		130M		
A3	20	30	255	12.76	138	PENT	DONN	1	25.6	130M	1	25.6		130M		
A3	20	30	256	9.15	127	POSO	1134	1	40	130M	2	40	Mul	130M		
A3	20	30	256	9.15	127	POSO	1134	2	27.5	130M	2	27.5	Mul	130M		
A3	20	30	257	9.16	127	POSO	1134	1	22.3	130M	1	24.7		130M		
A3	20	30	258	9.14	126	POSO	1134	1	27.5	130M	1	27.5		130M		
A3	20	30	259	8.46	125	POSO	1134	1	42	130M	1	44		130M		
A3	20	30	260	8.45	124	POSO	1134	1	24	130M	1	24.0		130M		
A3	20	30	261	8.45	125	POSO	1134	2	21.2	130M	1	21.4		130M		
A3	20	30	262	7.90	137	ANAX	CRAS	1	95	130M	1	96		130M		
A3	20	30	263	9.20	156	LIANA		1	29	130M	1	29.7		130M		
A3	20	30	271	11.95	132	CAPP	PITT	1	13.7	130M	1	14.9		130M		
A3	20	30	272	4.48	143	RINO	DEFL	1	43	130M	1	43		130M		
A3	20	30	277	6.68	152	HIRT	LENS	1	11.3	130M	1	11.6		130M		
A3	20	30	288	10.75	136	CASS	ELLI	1	12.1	130M	1	12.7		130M		

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dfd12	MUL12	AltMed12	AltMort12	Comentarios12
A4	20	30	230	1.80	197	MELE	DONN	1	58	130M	1	58		130M		
A4	20	30	231	5.27	213	GUAR	GUID	1	39.7	130M	1	39.6		130M		
A4	20	30	232	6.55	208	GEON	CONG	1	23.8	130M	20	23.8	Mul	130M		
A4	20	30	232	6.55	208	GEON	CONG	2	21.3	130M	20	21.3	Mul	130M		
A4	20	30	232	6.55	208	GEON	CONG	3	28.5	130M	20	28.5	Mul	130M		
A4	20	30	232	6.55	208	GEON	CONG	4	33	130M	20	33.1	Mul	130M		
A4	20	30	232	6.55	208	GEON	CONG	5	32.9	130M	20	32.9	Mul	130M		
A4	20	30	232	6.55	208	GEON	CONG	6	34.3	130M	20	34.3	Mul	130M		
A4	20	30	232	6.55	208	GEON	CONG	7	27.8	130M	20	27.8	Mul	130M		
A4	20	30	232	6.55	208	GEON	CONG	10	31.2	130M	20	31.2	Mul	130M		
A4	20	30	232	6.55	208	GEON	CONG	11	21.5	130M	20	21.5	Mul	130M		
A4	20	30	232	6.55	208	GEON	CONG	12	27.5	130M	20	27.5	Mul	130M		
A4	20	30	232	6.55	208	GEON	CONG	13	28.2	130M	20	28.2	Mul	130M		
A4	20	30	232	6.55	208	GEON	CONG	15	28.2	130M	20	28.3	Mul	130M		
A4	20	30	232	6.55	208	GEON	CONG	16	31.9	130M	20	31.9	Mul	130M		
A4	20	30	232	6.55	208	GEON	CONG	17	26.1	130M	20	26.1	Mul	130M		
A4	20	30	232	6.55	208	GEON	CONG	18	27.8	130M	20	27.8	Mul	130M		
A4	20	30	232	6.55	208	GEON	CONG	19	26.1	130M	20	26.1	Mul	130M		
A4	20	30	232	6.55	208	GEON	CONG	20	20.4	130M	20	20.4	Mul	130M		
A4	20	30	232	6.55	208	GEON	CONG	21	26.2	130M	20	26.2	Mul	130M		
A4	20	30	232	6.55	208	GEON	CONG	22	24.9	130M	20	24.9	Mul	130M		
A4	20	30	232	6.55	208	GEON	CONG	23	20.6	130M	20	20.6	Mul	130M		
A4	20	30	234	7.30	194	ZYGI	GIGA	1	66	130M	1	66		130M		
A4	20	30	235	7.45	191	DICH	AXIL	1	27.6	130M	1	29.2		130M		
A4	20	30	236	8.15	197	RAND	MICR	1	35	130M	1	35.2		130M		
A4	20	30	237	9.13	195	MATI	BRAC	1	13.3	130M	1	13.5		130M		
A4	20	30	238	9.50	193	PTER	RHOR	1	34.9	130M	1	34.9		130M		
A4	20	30	240	10.69	193	COLU	SPIN	1	21.8	130M	1	22.5		130M		

10- OCT- 2012

plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dfid12	MUL12	AltMed12	AltMort12	Comentarios12
A4	20	30	241	11.35	192	MAQU	COST	1	19.5	130M	1	19.5		130M		
A4	20	30	242	11.42	188	CUPA	LIVI	1	80	130M	1	81		130M		
A4	20	30	244	9.80	179	POUT	RETI	1	67	130M	1	68		130M		
A4	20	30	245	10.30	177	DEND	ARBO	1	21	130M	1	21.5		130M		
A4	20	30	246	10.57	177	DEND	ARBO	1	31.1	130M	1	21.1		130M		Ver Atlas ->
A4	20	30	247	11.35	168	CENT	MICR	1	47	1000	2	47	Mul	1000		
A4	20	30	247	11.35	168	CENT	MICR	2	28.1	1000	2	28.1	Mul	1000		
A4	20	30	248	9.62	170	CARP	PLAT	1	31.6	130M	2	31.6	Mul	130M		
A4	20	30	248	9.62	170	CARP	PLAT	2	30.5	130M	2	30.5	Mul	130M		
A4	20	30	249	9.18	162	GEON	CONG	1	29.5	130M	6	29.5	Mul	130M		
A4	20	30	249	9.18	162	GEON	CONG	2	30.2	130M	6	30.2	Mul	130M		
A4	20	30	249	9.18	162	GEON	CONG	3	27.5	130M	6	27.5	Mul	130M		
A4	20	30	249	9.18	162	GEON	CONG	4	27.6	130M	6	27.6	Mul	130M		
A4	20	30	249	9.18	162	GEON	CONG	5	24.6	130M	6	24.6	Mul	130M		
A4	20	30	249	9.18	162	GEON	CONG	6	26.7	130M	6	26.7	Mul	130M		
A4	20	30	250	8.85	157	CYMB	COST	1	38	130M	2	38.0	Mul	130M		
A4	20	30	250	8.85	157	CYMB	COST	2	36.3	130M	2	38.3	Mul	130M		
A4	20	30	251	9.62	148	POUT	RETI	1	80	130M	1	80		130M		
A4	20	30	252	6.61	143	RINO	DEFL	1	17.1	130M	1	17.1		130M		
A4	20	30	253	6.30	143	PRES	DECU	1	35.6	130M	-	9003	-	-	-	Horizontal sin causas obvias
A4	20	30	254	7.90	168	APEI	MEMB	1	98	130M	1	102		130M		Peso para los grandes
A4	20	30	255	7.20	179	CARP	PLAT	1	22.4	130M	1	22.4		130M		
A4	20	30	257	5.12	168	COLU	SPIN	1	20.9	130M	1	21.2		130M		
A4	20	30	258	4.75	148	RINO	DEFL	1	24.9	130M	1	24.9		130M		
A4	20	30	259	2.71	156	MICO		1	16.8	130M	1	18.3		130M		
A4	20	30	266	9.67	208	PRES	DECU	1	66	130M	1	66		130M		
A4	20	30	267	9.60	220	Quor	Pumc	1	11.9	130M	1	12.2		130M		Este arbol no venia en

#246

Revisamos formularios 2011 y dice 31.1 dop
fue un error del año pasado, el dop correcto es

21.1 Barros
se remidio
2012

P, 2: B

19-OCT-2012

plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dfd12	MUL12	AltMed12	AltMort12	Comentarios12
A5	20	30	240	3.67	83	HERR	PURP	1	36	130M	1	38.0		130M		
A5	20	30	242	5.60	48	LIANA		1	17.9	130M	1	18.1		130M		
A5	20	30	243	4.68	43	CASE	ARBO	1	84	130M	1	86		130M		
A5	20	30	244	5.55	57	OTOB	NOVO	1	14.7	130M	1	14.7		130M		
A5	20	30	245	7.20	48	RINO	DEFL	1	21.7	130M	1	21.7		130M		
A5	20	30	247	9.00	59	ZYGI	GIGA	1	42	130M	2	42	Mul	130M		
A5	20	30	247	9.00	59	ZYGI	GIGA	2	11.6	130M	2	11.6	Mul	130M		
A5	20	30	248	8.10	67	MICO	MULT	1	61	130M	1	61		130M		
A5	20	30	250	7.81	83	GEON	CONG	1	28.8	130M	24	28.8	Mul	130M		
A5	20	30	250	7.81	83	GEON	CONG	2	24.3	130M	24	24.3	Mul	130M		
A5	20	30	250	7.81	83	GEON	CONG	3	31.5	130M	24	31.5	Mul	130M		
A5	20	30	250	7.81	83	GEON	CONG	4	24.5	130M	24	24.6	Mul	130M		
A5	20	30	250	7.81	83	GEON	CONG	5	24.2	130M	24	24.3	Mul	130M		
A5	20	30	250	7.81	83	GEON	CONG	7	20.1	130M	24	20.3	Mul	130M		
A5	20	30	250	7.81	83	GEON	CONG	8	26.5	130M	24	26.1	Mul	130M		
A5	20	30	250	7.81	83	GEON	CONG	9	30.9	130M	24	30.9	Mul	130M		
A5	20	30	250	7.81	83	GEON	CONG	10	24.5	130M	24	24.5	Mul	130M		
A5	20	30	250	7.81	83	GEON	CONG	11	28.5	130M	24	28.5	Mul	130M		
A5	20	30	250	7.81	83	GEON	CONG	12	31.8	130M	24	31.8	Mul	130M		
A5	20	30	250	7.81	83	GEON	CONG	13	25.7	130M	24	25.7	Mul	130M		
A5	20	30	250	7.81	83	GEON	CONG	14	20.2	130M	24	20.4	Mul	130M		
A5	20	30	250	7.81	83	GEON	CONG	15	31.2	130M	24	31.2	Mul	130M		
A5	20	30	250	7.81	83	GEON	CONG	16	30.4	130M	24	30.4	Mul	130M		
A5	20	30	250	7.81	83	GEON	CONG	17	24.5	130M	24	25.5	Mul	130M		
A5	20	30	250	7.81	83	GEON	CONG	18	25.9	130M	24	25.9	Mul	130M		
A5	20	30	250	7.81	83	GEON	CONG	19	19.7	130M	24	20.0	Mul	130M		
A5	20	30	250	7.81	83	GEON	CONG	20	26.2	130M	24	26.2	Mul	130M		
A5	20	30	250	7.81	83	GEON	CONG	21	22.2	130M	24	22.2	Mul	130M		

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dfd12	MUL12	AltMed12	AltMort12	Comentarios12
A6	20	30	250	1.56	97	FARA	SUER	1	33.8	130M	3	34.2	Mul	130M		
A6	20	30	250	1.56	97	FARA	SUER	2	25.2	130M	3	25.8	Mul	130M		
A6	20	30	250	1.56	97	FARA	SUER	3	11.3	130M	3	11.3	Mul	130M		
A6	20	30	251	3.90	32	1218	1218	1	27.3	130M	5	27.3	Mul	130M		
A6	20	30	251	3.90	32	1218	1218	2	22.2	130M	5	22.2	Mul	130M		
A6	20	30	251	3.90	32	1218	1218	3	21.5	130M	5	21.5	Mul	130M		
A6	20	30	251	3.90	32	1218	1218	4	24	130M	5	24.1	Mul	130M		
A6	20	30	251	3.90	32	1218	1218	6	20.7	130M	5	20.7	Mul	130M		
A6	20	30	252	3.98	63	GEON	CONG	1	18.3	130M	3	18.5	Mul	130M		
A6	20	30	252	3.98	63	GEON	CONG	2	16.2	130M	3	16.2	Mul	130M		
A6	20	30	252	3.98	63	GEON	CONG	3	23.5	130M	3	23.5	Mul	130M		
A6	20	30	253	4.75	75	SIPA	PAUC	1	32.3	130M	1	33.0		130M		
A6	20	30	254	5.92	88	FARA	SUER	1	19.3	130M	1	19.3		130M		
A6	20	30	255	7.58	92	COUS	TALA	1	27.3	130M	2	27.3	Mul	130M		
A6	20	30	255	7.58	92	COUS	TALA	2	26.1	130M	2	26.1	Mul	130M		
A6	20	30	256	10.27	89	GEON	CONG	1	18.4	130M	4	18.4	Mul	130M		
A6	20	30	256	10.27	89	GEON	CONG	2	21	130M	4	21.0	Mul	130M		
A6	20	30	256	10.27	89	GEON	CONG	3	12.5	130M	4	12.6	Mul	130M		
A6	20	30	256	10.27	89	GEON	CONG	4	19.7	130M	4	19.7	Mul	130M		
A6	20	30	257	12.31	76	PENT	DONN	1	17	130M	1	17.5		130M		
A6	20	30	259	9.97	56	FARA	PARV	1	29.5	130M	1	29.5		130M		
A6	20	30	260	10.56	58	HERR	PURP	1	39.2	130M	3	39.9	Mul	130M		
A6	20	30	260	10.56	58	HERR	PURP	2	16.8	130M	3	16.8	Mul	130M		
A6	20	30	260	10.56	58	HERR	PURP	3	12	130M	3	12.2	Mul	130M		
A6	20	30	262	9.53	40	GEON	CONG	1	21.4	130M	3	21.4	Mul	130M		
A6	20	30	262	9.53	40	GEON	CONG	2	19.6	130M	3	19.6	Mul	130M		
A6	20	30	262	9.53	40	GEON	CONG	3	18.8	130M	3	18.8	Mul	130M		
A6	20	30	267	9.95	73	PROT	PANA	1	12.5	130M	1	12.5		130M		

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dfid12	MUL12	AltMed12	AltMort12	Comentarios12
L1	20	30	333	0.23	134	RYAN	SPEC	1	71	130M	1	71		130M		Roto arriba sin causa obvia
L1	20	30	334	0.39	121	RYAN	SPEC	1	53	130M	1	54		130M		
L1	20	30	335	3.23	155	LIANA		1	12.1	130M	-	9003	-	-		Horizontal sin causa obvia
L1	20	30	337	3.42	165	PROT	PANA	1	22	130M	1	22.0		130M		
L1	20	30	338	3.83	163	RYAN	SPEC	1	53	130M	1	53		130M		
L1	20	30	339	4.17	155	POUT	TORT	1	15.7	130M	1	15.7		130M		
L1	20	30	341	4.85	159	DESIDU		1	31.8	130M	1	31.8		130M		
L1	20	30	343	6.54	137	CONS	SPRU	1	16.7	130M	-	9003	-	-		Horizontal sin causa obvia
L1	20	30	344	7.59	132	RINO	DEFL	1	57	130M	1	57		130M		
L1	20	30	345	7.48	122	RYAN	SPEC	1	29.3	130M	1	29.5		130M		
L1	20	30	346	8.36	122	GEON	CONG	1	18.6	130M	3	18.6	Mul	130M		
L1	20	30	346	8.36	122	GEON	CONG	2	15.7	130M	3	15.7	Mul	130M		
L1	20	30	346	8.36	122	GEON	CONG	3	25.1	130M	3	25.1	Mul	130M		
L1	20	30	347	9.82	129	NAUC	NAGA	1	84	130M	1	85		130M		
L1	20	30	348	10.30	142	WARS	COCC	1	68	130M	1	69		130M		
L1	20	30	349	12.25	165	PENT	MACR	1	9073	130M	-	-999	-	-		Horizontal
L1	20	30	349	12.25	165	PENT	MACR	2	23.2	130M	1	23.2		130M		
L1	20	30	350	10.79	168	TRIC	SEPT	1	79	1000	1	79		1000		
L1	20	30	351	10.65	168	LIANA		1	15.3	130M	1	15.3		130M		
L1	20	30	353	10.45	177	GEON	CONG	1	24.1	130M	3	24.1	Mul	130M		
L1	20	30	353	10.45	177	GEON	CONG	2	16.8	130M	3	16.8	Mul	130M		
L1	20	30	354	9.18	165	LIANA		1	33	130M	1	33.0		130M		
L1	20	30	356	9.39	159	TROP	INVO	1	11.5	130M	1	11.5		130M		
L1	20	30	357	9.84	164	PROT	PANA	1	23.5	130M	1	23.5		130M		
L1	20	30	358	9.18	165	NAUC	NAGA	1	46	130M	1	46		130M		
L1	20	30	359	7.81	161	LIANA		1	49	130M	1	49		130M		
L1	20	30	362	7.76	172	CHAM	1132	1	23.2	130M	2	23.5	Mul	130M		
L1	20	30	362	7.76	172	CHAM	1132	2	24.6	130M	2	25.0	Mul	130M		

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dfid12	MUL12	AltMed12	AltMort12	Commentarios12
L1	20	30	363	7.38	175	GUAR	GUID	1	13.2	130M	1	13.2		130M		
L1	20	30	364	6.70	173	PERE	ANGU	1	15.6	130M	1	15.6		130M		
L1	20	30	366	6.88	167	SLOA	LATI	1	40	130M	1	40		130M		
L1	20	30	368	5.15	209	CRYO	WARS	1	69	130M	1	69		130M		
L1	20	30	370	10.29	188	LIANA		1	12.9	130M	-	9003	-	-		Horizontal sin cañas y obvio
L1	20	30	371	8.58	183	CHAM	1131	1	29.5	130M	1	29.5		130M		
L1	20	30	372	9.50	201	PERE	ANGU	1	34.7	130M	1	34.5		130M		se remedia
L1	20	30	374	3.76	137	GEON	CONG	1	26.5	130M	9	28.5	Mul	130M		
L1	20	30	374	3.76	137	GEON	CONG	2	23.5	130M	9	23.5	Mul	130M		
L1	20	30	374	3.76	137	GEON	CONG	3	25.6	130M	9	25.6	Mul	130M		
L1	20	30	374	3.76	137	GEON	CONG	5	23.4	130M	9	23.5	Mul	130M		
L1	20	30	374	3.76	137	GEON	CONG	6	19.2	130M	9	19.2	Mul	130M		
L1	20	30	374	3.76	137	GEON	CONG	8	22.5	130M	9	22.5	Mul	130M		
L1	20	30	374	3.76	137	GEON	CONG	9	20.9	130M	9	20.9	Mul	130M		
L1	20	30	374	3.76	137	GEON	CONG	10	23.1	130M	9	23.1	Mul	130M		
L1	20	30	374	3.76	137	GEON	CONG	11	25.6	130M	9	25.7	Mul	130M		
L1	20	30	375	12.21	151	GEON	CONG	1	28	130M	15	28.1	Mul			
L1	20	30	375	12.21	151	GEON	CONG	2	24.2	130M	15	24.2	Mul			
L1	20	30	375	12.21	151	GEON	CONG	3	15.4	130M	15	15.4	Mul			
L1	20	30	375	12.21	151	GEON	CONG	4	26.4	130M	15	26.4	Mul			
L1	20	30	375	12.21	151	GEON	CONG	5	14.8	130M	15	14.9	Mul			
L1	20	30	375	12.21	151	GEON	CONG	6	22.4	130M	15	22.4	Mul			
L1	20	30	375	12.21	151	GEON	CONG	7	22.2	130M	15	22.2	Mul			
L1	20	30	375	12.21	151	GEON	CONG	9	23.4	130M	15	23.4	Mul			
L1	20	30	375	12.21	151	GEON	CONG	10	26.4	130M	15	26.4	Mul			
L1	20	30	375	12.21	151	GEON	CONG	11	25.2	130M	15	25.2	Mul	130M		
L1	20	30	375	12.21	151	GEON	CONG	12	22.8	130M	15	22.8	Mul			
L1	20	30	375	12.21	151	GEON	CONG	13	24	130M	15	24.0	Mul			

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dfid12	MUL12	AltMed12	AltMort12	Commentarios12
L2	20	30	355	1.47	340	CECR	OBTU	1	90	130M	—	9003	—	—		Horizontal sin cau
L2	20	30	356	1.74	348	PSYC	ELAT	1	24.2	130M	2	24.2	Mul	130M		obv
L2	20	30	357	4.85	5	OCOT	MEZI	1	23.8	130M	1	24.3		130M		
L2	20	30	358	5.82	5	RINO	DEFL	1	33.9	130M	1	33.9		130M		
L2	20	30	360	6.21	2	LICA	SARA	1	24.7	130M	1	24.7		130M		
L2	20	30	361	9.27	37	COMP	SPRU	2	25.3	130M	3	25.3	Mul	130M		
L2	20	30	361	9.27	37	COMP	SPRU	3	20.6	130M	3	20.6	Mul	130M		
L2	20	30	361	9.27	37	COMP	SPRU	4	17.1	130M	3	17.1	Mul	130M		
L2	20	30	363	10.00	41	MICO	1138	1	26.4	130M	2	26.4	Mul	130M		
L2	20	30	363	10.00	41	MICO	1138	2	16.1	130M	2	16.1	Mul	130M		
L2	20	30	364	10.00	40	ANAX	CRAS	2	27.6	130M	1	27.6		130M		
L2	20	30	365	7.85	13	AMPE	MACR	1	29.8	130M		29.8		130M		
L2	20	30	366	7.68	6	ANAX	CRAS	1	24.7	130M	1	24.7		130M		
L2	20	30	367	7.62	1	OCOT	DEND	1	24.2	130M	1	24.2		130M		
L2	20	30	368	8.41	4	PSYC	1140	1	17.4	130M	1	17.4		130M		
L2	20	30	369	8.55	5	OCOT	MEZI	1	26.8	130M	1	26.8		130M		
L2	20	30	370	8.75	12	ANAX	CRAS	1	81	130M	1	81		130M		
L2	20	30	371	8.93	10	1141	1141	1	15.2	130M	1	15.2		130M		
L2	20	30	372	8.70	18	VOUA	SP	1	9047	130M	—	-777	—	—		Horizontal
L2	20	30	373	9.16	18	LICA	SARA	1	25.3	130M	1	25.3		130M		
L2	20	30	374	9.21	19	AMPE	MACR	1	17.8	130M	1	17.8		130M		
L2	20	30	376	10.54	21	MICO	1142	1	22.3	130M	1	22.3		130M		
L2	20	30	377	10.69	16	BROS	LACT	1	13.2	130M	1	13.4		130M		
L2	20	30	379	10.60	12	NAUC	NAGA	1	60	130M	1	60		130M		
L2	20	30	380	11.80	13	ANAX	CRAS	1	31.6	130M	1	34.3		130M		
L2	20	30	381	12.30	15	QUAR	BRAC	1	35.8	130M	1	38.0		130M		
L2	20	30	382	11.60	12	PIPER	1143	2	48	130M	3	48	Mul	130M		
L2	20	30	382	11.60	12	PIPER	1143	3	22.8	130M	3	23.1	Mul	130M		

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dif12	MUL12	AltMed12	AltMort12	Comentarios12
L2	20	30	382	11.60	12	PIPER	1143	4	17.4	130M	3	17.3	Mul	130M		
L2	20	30	383	11.64	9	ANAX	CRAS	1	19	130M	1	19.4		130M		
L2	20	30	384	12.00	0	PIPER	1143	1	25.3	130M	3	25.3	Mul	130M		
L2	20	30	384	12.00	0	PIPER	1143	2	24.2	130M	3	24.2	Mul	130M		
L2	20	30	385	10.03	6	PIPER	1143	1	42	130M	2	42	Mul	130M		
L2	20	30	385	10.03	6	PIPER	1143	2	43	130M	2	43	Mul	130M		
L2	20	30	386	13.45	0	NAUC	NAGA	1	40	130M	1	40		130M		
L2	20	30	387	13.35	0	ANAX	CRAS	1	21.3	130M	1	21.3		130M		
L2	20	30	388	10.45	0	PIPER	1143	2	29	130M	1	30.0		130M		
L2	20	30	389	11.35	358	BORO	PANA	1	80	130M	1	80		130M		
L2	20	30	390	11.72	351	PSYC	1144	1	76	1000	1	77		1000		
L2	20	30	391	10.82	348	PIPER	1143	1	38.8	130M	-	9003	-	-		Horizontal sin curso
L2	20	30	391	10.82	348	PIPER	1143	2	31.3	130M	-	9003	-	-		Horizontal sin curso
L2	20	30	392	10.59	337	PIPER	1143	1	43	130M	1	44		130M		
L2	20	30	392	10.59	337	PIPER	1143	2	23.8	130M	-	9003	-	-		Horizontal sin curso
L2	20	30	393	7.90	350	GUAT	DIOS	1	48	130M	3	49	Mul	130M		
L2	20	30	393	7.90	350	GUAT	DIOS	2	59	130M	3	63	Mul	130M		
L2	20	30	393	7.90	350	GUAT	DIOS	3	74	130M	3	77	Mul	130M		
L2	20	30	394	7.57	349	TROP	INVO	1	30.1	130M	1	30.1		130M		
L2	20	30	395	8.57	332	ANAX	CRAS	1	50	130M	1	50		130M		
L2	20	30	396	8.13	333	OCOT	LEUC	1	20	130M	1	20.0		130M		
L2	20	30	396	8.13	333	OCOT	LEUC	2	14.2	130M	1	14.2		130M		
L2	20	30	397	7.30	322	PROT	PITT	1	31.7	130M	1	31.7		130M		
L2	20	30	398	4.94	336	OCOT	MEZI	1	33.1	130M	1	33.1		130M		
L2	20	30	400	4.82	327	PSYC	1146	1	21	130M	2	21.0	Mul	130M		
L2	20	30	400	4.82	327	PSYC	1146	2	24	130M	2	24.5	Mul	130M		
L2	20	30	401	4.00	330	PSYC	1147	1	23	130M	1	23.0		130M		
L2	20	30	402	3.60	338	PROT	PITT	1	38.3	130M	1	38.3		130M		

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dfd12	MUL12	AltMed12	AltMort12	Commentarios12
L2	20	30	403	8.54	357	NAUC	NAGA	1	16.6	130M	1	16.6		130M		
L2	20	30	430	4.81	33	PSYC	ELAT	1	22.5	130M	-	9003	-	-		Horizontal San Carlos
L2	20	30	430	4.81	33	PSYC	ELAT	2	14.2	130M	-	9003	-	-		Horizontal San Carlos
L2	20	30	431	5.20	15	PENT	MACR	1	52	130M	1	60		130M		
L2	20	30	432	5.34	352	OCOT	MEZI	1	14.7	130M	1	14.7		130M		
L2	20	30	434	4.90	333	POUR	MINO	1	26.5	130M	1	26.5		130M		
L2	20	30	435	4.98	323	LAET	PROC	1	44	130M	1	44		130M		
L2	20	30	436	6.35	320	PSYC	ELAT	1	13.3	130M	1	13.3		130M		
L2	20	30	437	7.40	334	VIRO	SEBI	1	59	130M	1	64		130M		
L2	20	30	440	9.58	28	ROLL	MICR	1	64	130M	1	70		130M		
L2	20	30	441	9.51	38	PROT	PITT	1	63	130M	1	64		130M		
L2	20	30	442	8.88	39	PENT	MACR	1	39	130M	1	40		130M		
L2	20	30	455	13.70	4	ANAX	CRAS	1	14.8	130M	1	15.2		130M		
L2	20	30	457	9.85	37	1232	1232	1	17	130M	3	17.0	Mul	130M		
L2	20	30	457	9.85	37	1232	1232	2	16.8	130M	3	16.8	Mul	130M		
L2	20	30	457	9.85	37	1232	1232	3	16.7	130M	3	17.5	Mul	130M		
L2	20	30	459	7.98	33	PSYC	ELAT	1	20.5	130M	1	20.5		130M		
L2	20	30	482	10.12	345	PENT	MACR	1	13.5	130M	1	13.5		130M		
L2	20	30	496	11.76	15	EUTE	PREC	1	44	130M	1	49		130M		
L2	20	30	497	10.90	13	EUTE	PREC	1	83	130M	1	90		130M		
L2	20	30	333	7.87	333	Herr	Purp	1	-	-	1	10.2		130M		Herrania - Purpurea
L2	20	30	384	12.00	0	P.gor	1143	3			3	15.2	Mul	130M		Cacao de montaña
L2	20	30	356	1.74	348	Psyc	Elat	2	-	-	2	14.0	Mul	130M		

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dif12	MUL12	AltMed12	AltMort12	Commentarios12
L3	20	30	314	2.26	164	LAET	PREC	1	49	130M	1	50		130M		
L3	20	30	315	2.55	170	PIPER	1163	1	23	130M	2	23.0	Mul	130M		
L3	20	30	315	2.55	170	PIPER	1163	2	18.9	130M	2	18.9	Mul	130M		
L3	20	30	317	4.20	145	COMP	SPRU	1	68	130M	1	68		130M		
L3	20	30	318	5.26	153	COMP	SPRU	1	59	130M	1	59		130M		
L3	20	30	319	5.00	169	ANAX	CRAS	1	78	130M	1	79		130M		
L3	20	30	320	6.51	169	RINO	DEFL	1	45	130M	1	45		130M		
L3	20	30	321	4.60	143	PERE	ANGU	1	17.5	130M	1	17.5		130M		
L3	20	30	322	6.21	133	BORO	PANA	1	40	130M	1	41		130M		
L3	20	30	323	4.75	110	ZYGI	GIGA	1	41	130M	2	41	Mul	130M		
L3	20	30	323	4.75	110	ZYGI	GIGA	2	16.2	130M	2	16.5	Mul	130M		
L3	20	30	324	6.00	120	VITE	COOP	1	50	1000	1	50		1000		
L3	20	30	325	6.32	111	ZYGI	GIGA	1	19.2	130M	1	19.2		130M		
L3	20	30	326	7.98	115	LIANA		1	37.6	130M	1	38.0		130M		
L3	20	30	328	8.44	150	OCOT	LEUC	1	33.5	130M	-	90330	-	130M	403	9003 sin causa obvio
L3	20	30	328	8.44	150	OCOT	LEUC	2	11.3	130M	1	11.3		130M		AIT
L3	20	30	330	10.03	150	DESIDU		1	15.1	130M	1	15.1		130M		4.03
L3	20	30	331	10.75	143	ZYGI	GIGA	1	20	130M	1	20.1		130M		
L3	20	30	332	10.02	128	PENT	MACR	1	43	1000	1	43		1000		
L3	20	30	333	11.02	126	ANAX	CRAS	1	45	130M	1	47		130M		
L3	20	30	334	12.77	128	ANAX	CRAS	1	30.3	130M	1	30.3		130M		
L3	20	30	336	5.75	115	FINZ	CORI	1	86	130M	1	86		130M		
L3	20	30	339	7.35	91	ANAX	CRAS	1	53	130M	1	53		130M		
L3	20	30	341	10.40	116	CHAM		1	33.7	130M	1	33.7		130M		
L3	20	30	354	3.68	138	PIPER	1163	1	13.3	130M	1	13.9		130M		
L3	20	30	355	10.28	105	ANAX	CRAS	1	21.4	130M	1	21.5		130M		
L3	20	30	356	7.70	98	ANAX	CRAS	1	18	130M	1	18.0		130M		
L3	20	30	367	9.10	114	PSYC		1	11.1	130M	1	11.5		130M		

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dfid12	MUL12	AltMed12	AltMort12	Comentarios12
L4	20	30	339	1.90	229	DESM	SCHI	3	17.6	130M	13	17.6	Mul	130M		
L4	20	30	339	1.90	229	DESM	SCHI	4	18.5	130M	13	18.5	Mul	130M		
L4	20	30	339	1.90	229	DESM	SCHI	6	18.6	130M	13	18.6	Mul	130M		
L4	20	30	339	1.90	229	DESM	SCHI	9	14.6	130M	13	14.6	Mul	130M		
L4	20	30	339	1.90	229	DESM	SCHI	10	17.6	130M	13	17.6	Mul	130M		
L4	20	30	339	1.90	229	DESM	SCHI	11	15.1	130M	13	15.1	Mul	130M		
L4	20	30	339	1.90	229	DESM	SCHI	13	13.9	130M	13	13.9	Mul	130M		
L4	20	30	339	1.90	229	DESM	SCHI	14	18.3	130M	13	18.3	Mul	130M		
L4	20	30	339	1.90	229	DESM	SCHI	19	16.1	130M	13	16.1	Mul	130M		
L4	20	30	339	1.90	229	DESM	SCHI	22	16.1	130M	13	16.1	Mul	130M		
L4	20	30	339	1.90	229	DESM	SCHI	23	16.9	130M	13	16.9	Mul	130M		
L4	20	30	339	1.90	229	DESM	SCHI	24	14.3	130M	13	14.3	Mul	130M		
L4	20	30	339	1.90	229	DESM	SCHI	26	15	130M	13	15.1	Mul	130M		
L4	20	30	340	2.60	272	PERE	ANGU	1	55	130M	1	55		130M		
L4	20	30	341	4.10	278	PIPE	ARBO	1	39.3	130M	3	39.3	Mul	130M		
L4	20	30	341	4.10	278	PIPE	ARBO	2	50	130M	3	52	Mul	130M		
L4	20	30	341	4.10	278	PIPE	ARBO	3	55	130M	3	56	Mul	130M		
L4	20	30	343	5.18	255	SIPA	GRAN	1	43	130M	1	43		130M		
L4	20	30	344	5.24	252	PIPE	MELA	1	16.5	130M	-	9003	-	-	-	Horizontal sin causa obvia
L4	20	30	346	6.83	263	SIPA	GRAN	1	23.3	130M	1	24.5		130M		
L4	20	30	347	5.76	219	LOZA	PITT	1	50	130M	5	50	Mul	130M		
L4	20	30	347	5.76	219	LOZA	PITT	2	51	130M	5	51	Mul	130M		
L4	20	30	347	5.76	219	LOZA	PITT	3	56	130M	5	56	Mul	130M		
L4	20	30	347	5.76	219	LOZA	PITT	4	35.7	130M	5	36.3	Mul	130M		
L4	20	30	347	5.76	219	LOZA	PITT	5	26.7	130M	5	29.1	Mul	130M		
L4	20	30	348	6.10	225	GUAR	GUID	1	14.3	130M	1	14.7		130M		
L4	20	30	350	2.77	207	BROS	LACT	1	16.3	130M	1	16.4		130M		
L4	20	30	353	8.02	211	NAUC	NAGA	1	27.6	130M	1	27.6		130M		

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dfid12	MUL12	AltMed12	AltMort12	Comentarios12
L4	20	30	354	8.15	218	APHE	STOR	1	20.6	130M	1	20.6		130M		
L4	20	30	355	8.95	208	COUE	POLY	1	37.2	130M	1	37.3		130M		
L4	20	30	356	9.89	208	BORO	PANA	1	29.6	130M	3	29.7	Mul	130M		
L4	20	30	356	9.89	208	BORO	PANA	2	12.9	130M	3	12.9	Mul	130M		
L4	20	30	356	9.89	208	BORO	PANA	3	16.6	130M	3	16.6	Mul	130M		
L4	20	30	357	9.80	213	PERE	ANGU	1	33.3	130M	1	34.3		130M		
L4	20	30	358	13.43	237	SOCR	EXOR	1	96	130M	1	99		130M		
L4	20	30	359	8.68	238	GARC	INTE	1	34.7	130M	1	35.2		130M		
L4	20	30	360	7.71	233	BROS	LACT	1	17	130M	1	17.8		130M		
L4	20	30	361	8.22	207	RINO	DEFL	1	23	130M	3	23.0	Mul	130M		
L4	20	30	361	8.22	207	RINO	DEFL	2	12.6	130M	3	12.6	Mul	130M		
L4	20	30	361	8.22	207	RINO	DEFL	3	18.1	130M	3	18.5	Mul	130M		
L4	20	30	363	8.71	278	LICA	SARA	1	16.6	130M	2	17.8	Mul	130M		
L4	20	30	363	8.71	278	LICA	SARA	2	13.3	130M	2	14.1	Mul	130M		
L4	20	30	364	8.62	284	PSYC	ELAT	2	26.6	130M	1	27.3		130M		
L4	20	30	365	8.20	285	GEON	CONG	1	19.2	130M	5	19.2	Mul	130M		
L4	20	30	365	8.20	285	GEON	CONG	2	21.2	130M	5	21.2	Mul	130M		
L4	20	30	365	8.20	285	GEON	CONG	3	16.5	130M	5	16.5	Mul	130M		
L4	20	30	365	8.20	285	GEON	CONG	4	18.7	130M	5	18.7	Mul	130M		Tiene un tallo nuevo
L4	20	30	366	11.20	252	PENT	MACR	1	94	130M	3	94	Mul	130M		
L4	20	30	366	11.20	252	PENT	MACR	2	35	130M	3	39.6	Mul	130M		
L4	20	30	366	11.20	252	PENT	MACR	3	18.7	130M	3	22.4	Mul	130M		
L4	20	30	367	13.18	244	NAUC	NAGA	1	23	130M	1	23.0		130M		
L4	20	30	367	13.18	244	NAUC	NAGA	2	19.5	130M	—	9003	—	—	—	Horizontal sin curso
L4	20	30	367	13.18	244	NAUC	NAGA	3	22.8	130M	—	9003	—	—	—	" " " " " " " " " " " "
L4	20	30	432	3.11	264	SOCR	EXOR	1	49	130M	—	9003	—	—	—	Horizontal sin curso
L4	20	30	433	4.60	286	OTOV	NOVO	1	12.6	130M	1	14.7		130M		obvio
L4	20	30	434	8.82	284	TROP	INVO	1	31.1	130M	1	31.1		130M		

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dfd12	MUL12	AltMed12	AltMort12	Comentarios12
L5	20	30	326	2.10	182	COMP	SPRU	1	43	130M	1	43		130M		
L5	20	30	327	1.29	232	POUR	BICO	1	25.8	130M	1	27.5		130M		
L5	20	30	328	1.47	238	MICO	ELAT	1	44	130M	2	47	Mul	130M		
L5	20	30	328	1.47	238	MICO	ELAT	2	28.1	130M	2	28.1	Mul	130M		
L5	20	30	329	3.08	257	AMPE	MACR	2	32.6	130M	2	33.0	Mul	130M		
L5	20	30	329	3.08	257	AMPE	MACR	3	22.2	130M	2	22.5	Mul	130M		
L5	20	30	330	4.63	225	LIANA		1	15.4	130M	1	15.4		130M		
L5	20	30	331	4.02	211	CASS	ELLI	1	48	130M	1	48		130M		
L5	20	30	332	3.68	179	POUR	MINO	1	28.3	130M	1	29.4		130M		
L5	20	30	333	6.50	199	POUT	TORT	1	25.6	130M	1	25.6		130M		
L5	20	30	334	6.45	218	RINO	DEFL	1	46	130M	2	46	Mul	130M		
L5	20	30	334	6.45	218	RINO	DEFL	2	24.3	130M	2	24.3	Mul	130M		
L5	20	30	335	7.78	205	GEON	CONG	1	26.3	130M	5	26.3	Mul	130M		
L5	20	30	335	7.78	205	GEON	CONG	2	25.4	130M	5	25.5	Mul	130M		
L5	20	30	335	7.78	205	GEON	CONG	3	29.9	130M	5	29.9	Mul	130M		
L5	20	30	335	7.78	205	GEON	CONG	4	17.5	130M	5	17.7	Mul	130M		
L5	20	30	335	7.78	205	GEON	CONG	5	27.9	130M	5	27.9	Mul	130M		
L5	20	30	336	6.85	189	GEON	CONG	1	10.2	130M	3	11.0	Mul	130M		
L5	20	30	336	6.85	189	GEON	CONG	2	23.6	130M	3	23.6	Mul	130M		
L5	20	30	336	6.85	189	GEON	CONG	3	20.5	130M	3	20.5	Mul	130M		
L5	20	30	337	9.80	193	CAPP	PITT	1	21.6	130M	1	21.6		130M		
L5	20	30	338	9.70	193	WARS	COCC	1	94	130M	2	96	Mul	130M		
L5	20	30	338	9.70	193	WARS	COCC	2	33.7	130M	2	34.0	Mul	130M		
L5	20	30	340	9.12	207	ESCH	CALY	1	89	130M	1	89		130M		
L5	20	30	341	11.27	210	ANNO	MONT	1	17.2	130M	1	17.7		130M		
L5	20	30	342	12.45	210	POUT		1	17.4	130M	1	17.7		130M		
L5	20	30	345	10.78	226	BORO	PANA	1	19.2	130M	1	19.3		130M		
L5	20	30	346	8.65	240	OCOT	MEZI	1	86	130M	1	88		130M		

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dif12	MUL12	AltMed12	AltMort12	Comentarios12
L5	20	30	347	8.56	241	POUR	BICO	1	79	130M	1	85		130M		
L5	20	30	348	7.78	236	PERE	ANGU	1	46	130M	1	46		130M		
L5	20	30	349	8.95	248	COMP	SPRU	1	37.5	130M	1	37.5		130M		
L5	20	30	350	9.41	250	POUT		1	21.2	130M	1	21.2		130M		
L5	20	30	351	8.82	255	IRIA	DELT	1	94	130M	1	98		130M		
L5	20	30	352	6.71	257	GUAR	GUID	1	16	130M	-	9003	-	-		horizontal sin curvas obvio
L5	20	30	353	8.77	258	RINO	DEFL	1	38.1	130M	2	38.1	Mul	130M		
L5	20	30	353	8.77	258	RINO	DEFL	2	18.6	130M	2	18.6	Mul	130M		
L5	20	30	354	6.98	253	GEON	CONG	4	29.6	130M	31	29.6	Mul	130M		
L5	20	30	354	6.98	253	GEON	CONG	5	27.1	130M	31	27.2	Mul	130M		
L5	20	30	354	6.98	253	GEON	CONG	6	24.1	130M	31	24.1	Mul	130M		
L5	20	30	354	6.98	253	GEON	CONG	7	25.4	130M	31	25.4	Mul	130M		
L5	20	30	354	6.98	253	GEON	CONG	8	27.5	130M	31	27.5	Mul	130M		
L5	20	30	354	6.98	253	GEON	CONG	9	25	130M	31	25.1	Mul	130M		
L5	20	30	354	6.98	253	GEON	CONG	10	31.1	130M	31	31.1	Mul	130M		
L5	20	30	354	6.98	253	GEON	CONG	11	23.5	130M	31	23.5	Mul	130M		
L5	20	30	354	6.98	253	GEON	CONG	12	21.4	130M	31	21.4	Mul	130M		
L5	20	30	354	6.98	253	GEON	CONG	13	19	130M	31	19.1	Mul	130M		
L5	20	30	354	6.98	253	GEON	CONG	14	16.2	130M	31	16.2	Mul	130M		
L5	20	30	354	6.98	253	GEON	CONG	15	28.1	130M	31	28.1	Mul	130M		
L5	20	30	354	6.98	253	GEON	CONG	16	16.7	130M	31	16.7	Mul	130M		
L5	20	30	354	6.98	253	GEON	CONG	17	18.2	130M	31	18.2	Mul	130M		
L5	20	30	354	6.98	253	GEON	CONG	18	30.4	130M	31	30.4	Mul	130M		
L5	20	30	354	6.98	253	GEON	CONG	19	22.1	130M	31	22.1	Mul	130M		
L5	20	30	354	6.98	253	GEON	CONG	20	29.7	130M	31	29.7	Mul	130M		
L5	20	30	354	6.98	253	GEON	CONG	21	23.5	130M	31	23.5	Mul	130M		
L5	20	30	354	6.98	253	GEON	CONG	22	17.6	130M	31	17.6	Mul	130M		
L5	20	30	354	6.98	253	GEON	CONG	23	18.4	130M	31	18.4	Mul	130M		

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dif12	MUL12	AltMed12	AltMort12	Commentarios12
L6	20	30	308	2.78	119	RINO	DEFL	1	26.8	130M	1	26.8		130M		
L6	20	30	309	3.40	228	PENT	DONN	1	32	130M	2	32.0	Mul	130M		
L6	20	30	309	3.40	228	PENT	DONN	2	19.5	130M	2	19.5	Mul	130M		
L6	20	30	310	4.72	208	PIPE	ARBO	1	43	130M	2	43	Mul	130M		
L6	20	30	310	4.72	208	PIPE	ARBO	2	38	130M	2	38	Mul	130M		
L6	20	30	312	6.15	214	PROT	COST	1	57	130M	1	57		130M		
L6	20	30	313	6.10	210	RINO	DEFL	1	11.3	130M	1	11.3		130M		
L6	20	30	314	7.12	210	MACR	COST	1	75	130M	1	75		130M		
L6	20	30	315	7.76	206	FARA	STEN	2	15.5	130M	1	15.6		130M		
L6	20	30	316	8.80	208	SACO	TRIC	2	10.9	130M	1	10.9		130M		
L6	20	30	318	8.70	227	PSYC	ELAT	1	38.3	130M	2	38.3	Mul	130M		
L6	20	30	318	8.70	227	PSYC	ELAT	2	28.1	130M	2	28.1	Mul	130M		
L6	20	30	319	8.71	186	EUGE	1187	1	37.4	130M	-	9003	-	-	-	Horizontal sin causa observada
L6	20	30	319	8.71	186	EUGE	1187	2	35.8	130M	-	9003	-	-	-	n. v. n.
L6	20	30	320	8.17	189	LIANA		1	21.4	130M	2	21.7	Mul	130M		
L6	20	30	320	8.17	189	LIANA		2	18.2	130M	2	18.4	Mul	130M		
L6	20	30	321	7.57	190	OCOT	MEZI	1	62	130M	2	62	Mul	130M		
L6	20	30	321	7.57	190	OCOT	MEZI	2	18	130M	2	18.0	Mul	130M		
L6	20	30	322	7.70	181	CORD	1188	1	37.5	130M	2	37.5	Mul	130M		
L6	20	30	322	7.70	181	CORD	1188	2	35.9	130M	2	35.9	Mul	130M		
L6	20	30	324	2.07	190	1189	1189	1	12.3	130M	1	12.3		130M		
L6	20	30	325	8.25	207	ANNO	MONT	1	14.2	130M	1	14.2		130M		
L6	20	30	327	9.65	215	PERE	ANGU	1	20.4	130M	1	20.4		130M		
L6	20	30	331	11.18	188	PROT	GLAB	1	15.6	130M	1	15.6		130M		
L6	20	30	332	11.65	180	MAQU	COST	1	13.7	130M	1	13.7		130M		
L6	20	30	333	12.85	178	MICO	NERV	1	14.1	130M	1	14.1		130M		
L6	20	30	334	10.57	172	MICO	LIGU	1	42	130M	1	42		130M		
L6	20	30	336	9.60	179	MINQ	GUIA	1	17	130M	1	17.0		130M		

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Difd12	MUL12	AltMed12	AltMort12	Commentarios12
L6	20	30	337	7.94	194	LIANA		1	22.3	130M	1	22.3		130M		
L6	20	30	338	7.53	177	1190	1190	1	16	130M	1	16.0		130M		
L6	20	30	339	7.00	171	PIPE	1143	1	29.8	130M	1	29.8		130M		
L6	20	30	340	6.50	167	LIANA		1	16.2	130M	1	16.2		130M		
L6	20	30	341	6.50	167	1191	1191	1	11	130M	1	11.0		130M		
L6	20	30	343	6.37	166	MICO	1193	1	70	130M	1	70		130M		
L6	20	30	344	4.65	157	SWAR	SIMP	1	48	130M	1	49		130M		
L6	20	30	346	4.67	153	LIANA		1	56	130M	1	56		130M		
L6	20	30	347	3.50	157	MINQ	GUIA	1	21.8	130M	1	21.8		130M		
L6	20	30	349	7.73	154	LIANA		1	52	130M	1	52		130M		
L6	20	30	352	9.94	161	MICO	1194	1	34.5	130M	1	35.0		130M		
L6	20	30	353	10.82	163	LIANA		1	13.3	130M	-	9003	-	-	-	Horizontal sin causa obvia
L6	20	30	354	13.68	183	DESM	SCHI	1	17.5	130M	5	17.5	Mul	130M		
L6	20	30	354	13.68	183	DESM	SCHI	2	20.3	130M	5	20.3	Mul	130M		
L6	20	30	354	13.68	183	DESM	SCHI	3	20.1	130M	5	20.2	Mul	130M		
L6	20	30	354	13.68	183	DESM	SCHI	6	12.1	130M	-	9003	-	-	-	Horizontal sin causa obvia
L6	20	30	354	13.68	183	DESM	SCHI	8	19.3	130M	5	19.3	Mul	130M		
L6	20	30	354	13.68	183	DESM	SCHI	9	19.3	130M	5	19.3	Mul	130M		
L6	20	30	355	9.69	172	PERE	ANGU	1	27	130M	2	27.0	Mul	130M		
L6	20	30	355	9.69	172	PERE	ANGU	2	16.8	130M	2	16.8	Mul	130M		
L6	20	30	355	9.69	172	PERE	ANGU	3	14	130M	-	9003	-	-	-	Horizontal sin causa obvia
L6	20	30	356	7.24	154	CHAM		1	21.3	130M	1	21.3		130M		
L6	20	30	356	7.24	154	CHAM		3	27	130M	-	9003	-	-	-	Horizontal sin causa obvia
L6	20	30	358	4.90	140	LIANA		1	50	130M	1	50		130M		
L6	20	30	360	12.59	187	LIANA		1	85	130M	-	9003	-	-	-	Horizontal sin causa obvia

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dfd12	MUL12	AltMed12	AltMort12	Commentarios12
P1	20	30	337	3.75	32	PENT	MACR	1	22.7	130M	1	23.0		130M		
P1	20	30	338	4.45	36	GUAR	BULL	1	13	130M	1	13.5		130M		
P1	20	30	341	6.50	43	GUAR	RHOP	1	27.9	130M	1	30.7		130M		
P1	20	30	342	6.89	33	BACT		1	11.1	130M	1	11.1		130M		
P1	20	30	343	8.28	30	GEON	CONG	2	19.8	130M	16	19.9	Mul	130M		
P1	20	30	343	8.28	30	GEON	CONG	3	17	130M	16	17.0	Mul	130M		
P1	20	30	343	8.28	30	GEON	CONG	4	20.6	130M	16	20.7	Mul	130M		
P1	20	30	343	8.28	30	GEON	CONG	5	20.3	130M	16	20.3	Mul	130M		
P1	20	30	343	8.28	30	GEON	CONG	6	20.2	130M	16	20.2	Mul	130M		
P1	20	30	343	8.28	30	GEON	CONG	7	15.3	130M	16	15.3	Mul	130M		
P1	20	30	343	8.28	30	GEON	CONG	8	16.1	130M	16	16.1	Mul	130M		
P1	20	30	343	8.28	30	GEON	CONG	10	18	130M	16	18.0	Mul	130M		
P1	20	30	343	8.28	30	GEON	CONG	11	22	130M	16	22.0	Mul	130M		
P1	20	30	343	8.28	30	GEON	CONG	13	17.2	130M	16	17.2	Mul	130M		
P1	20	30	343	8.28	30	GEON	CONG	14	17.3	130M	16	17.3	Mul	130M		
P1	20	30	343	8.28	30	GEON	CONG	15	17.5	130M	16	17.5	Mul	130M		
P1	20	30	343	8.28	30	GEON	CONG	17	13	130M	16	13.0	Mul	130M		
P1	20	30	343	8.28	30	GEON	CONG	18	19.1	130M	16	19.1	Mul	130M		
P1	20	30	343	8.28	30	GEON	CONG	19	14.8	130M	16	14.8	Mul	130M		
P1	20	30	344	10.66	18	LIANA		1	30.2	130M	1	30.5		130M		
P1	20	30	345	11.05	18	MICO	LIGU	2	11	130M	2	11.4	Mul	130M		
P1	20	30	345	11.05	18	MICO	LIGU	3	12.9	130M	2	12.9	Mul	130M		
P1	20	30	346	7.03	4	WARS	COCC	1	58	130M	7	59	Mul	130M		
P1	20	30	346	7.03	4	WARS	COCC	2	24	130M	7	24.8	Mul	130M		
P1	20	30	346	7.03	4	WARS	COCC	3	20.6	130M	7	21.5	Mul	130M		
P1	20	30	346	7.03	4	WARS	COCC	4	25.6	130M	7	25.6	Mul	130M		
P1	20	30	346	7.03	4	WARS	COCC	5	20.4	130M	7	20.8	Mul	130M		
P1	20	30	346	7.03	4	WARS	COCC	6	16.6	130M	7	19.2	Mul	130M		

plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dif12	MUL12	AltMed12	AltMort12	Commentarios12
P1	20	30	347	7.89	14	MIRC	1157	1	24	130M	2	24.7	Mul	130M		
P1	20	30	347	7.89	14	MIRC	1157	2	20.1	130M	2	21.3	Mul	130M		
P1	20	30	348	6.28	11	LECY	AMPL	2	17.8	130M	1	19.5		130M		
P1	20	30	350	12.85	5	MAQU	COST	1	43	130M	1	46		130M		
P1	20	30	351	11.76	359	MICO	PUNT	1	17.6	130M	1	18.5		130M		
P1	20	30	352	11.21	359	WARS	COCC	1	36	130M	3	36.5	Mul	130M		
P1	20	30	352	11.21	359	WARS	COCC	2	12.3	130M	3	12.3	Mul	130M		
P1	20	30	352	11.21	359	WARS	COCC	3	28.8	130M	3	28.8	Mul	130M		
P1	20	30	356	11.65	330	INGA	PEZE	1	56	130M	1	56		130M		
P1	20	30	357	9.48	343	LIANA		1	28.7	130M	1	28.7		130M		
P1	20	30	359	7.80	348	PAUL	FIBRI	1	59	130M	2	59	Mul	130M		
P1	20	30	359	7.80	348	PAUL	FIBRI	2	51	130M	2	53	Mul	130M		
P1	20	30	360	9.67	338	OCOT	IRA	1	43	130M	1	43		130M		
P1	20	30	361	8.25	343	DESIDU		1	20.8	130M	1	21.2		130M		
P1	20	30	362	7.69	337	PSYC	ELAT	1	33.9	130M	2	35.6	Mul	130M		
P1	20	30	362	7.69	337	PSYC	ELAT	2	19.1	130M	2	22.1	Mul	130M		
P1	20	30	364	8.66	359	BESL	COLU	1	14.8	130M	1	15.0		130M		
P1	20	30	365	5.68	4	MABE	OCCI	1	19.1	130M	1	19.3		130M		
P1	20	30	366	5.75	334	CHAM		1	23	130M	1	25.3		130M		
P1	20	30	392	10.95	354	SYMP	GLOB	1	14.7	130M	1	17.5		130M		
P1	20	30	343	8.28	30	Geon	Long	20	-	-	16	10.7	Mul	130M		
P1	20	30	346	7.03	4	Nors	Corc	7	-	-	7	15.3	Mul	130M		

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dif12	MUL12	AltMed12	AltMor12	Comentarios12
P2	20	30	370	0.40	192	POSO	CORE	1	31.7	130M	1	31.9		130M		
P2	20	30	372	4.12	232	PENT	MACR	1	28.1	130M	1	29.3		130M		
P2	20	30	374	8.58	231	MAQU	COST	1	27.4	130M	1	27.4		130M		
P2	20	30	375	8.57	251	LACU	PANA	1	25.2	130M	1	25.3		130M		
P2	20	30	376	8.65	249	GUAT	DIOS	1	16.1	130M	-	9003	-	-		Horizontal sin cau en obvia
P2	20	30	376	8.65	249	GUAT	DIOS	2	13.6	130M	1	12.7		130M		
P2	20	30	377	8.40	243	SYMP	GLOB	1	36.3	130M	1	36.3		130M		
P2	20	30	378	8.40	243	AMPE	MACR	1	42	130M	1	43		130M		
P2	20	30	379	9.11	246	BALI	ELEG	1	52	130M	1	52		130M		
P2	20	30	380	9.91	248	PERE	ANGU	1	65	130M	1	65		130M		
P2	20	30	381	9.38	250	ANAX	CRAS	1	83	130M	1	84		130M		
P2	20	30	383	10.68	263	COUS	PSYC	1	29.3	130M	1	29.3		130M		
P2	20	30	384	10.04	238	BROS	LACT	1	25.3	130M	1	25.9		130M		
P2	20	30	385	10.04	237	WARS	COCC	1	44	130M	1	44		130M		
P2	20	30	387	10.08	226	PROT	PANA	1	21.8	130M	1	22.1		130M		
P2	20	30	388	11.08	224	CASI	ELLI	1	15.4	130M	1	15.4		130M		
P2	20	30	389	12.06	226	TROP	INVO	1	17.1	130M	2	17.2	Mul	130M		
P2	20	30	389	12.06	226	TROP	INVO	2	12.2	130M	2	12.3	Mul	130M		
P2	20	30	390	12.08	222	PROT	PANA	1	21.5	130M	1	21.5		130M		
P2	20	30	391	11.78	220	ANAX	CRAS	1	82	130M	1	85		130M		
P2	20	30	392	13.65	213	PENT	MACR	1	17.7	130M	1	18.2		130M		
P2	20	30	393	12.22	207	ANAX	CRAS	1	39.2	130M	1	40.8		130M		Con cinta 40 Dup
P2	20	30	395	12.01	202	ANAX	CRAS	1	84	130M	1	85		130M		
P2	20	30	396	11.38	201	TAPI	MYRI	1	80	130M	1	83		130M		
P2	20	30	397	11.07	206	BROS	LACT	1	11.5	130M	1	11.5		130M		
P2	20	30	398	10.70	214	LICA	SARA	1	13.7	130M	-	9003	-	-		Horizontal sin cau sp. obvia
P2	20	30	399	10.38	211	WARS	COCC	1	93	130M	1	94		130M		
P2	20	30	400	9.28	218	COUS	HOND	1	46	130M	1	46		130M		

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dif12	MUL12	AltMed12	AltMort12	Comentarios12
P3	20	30	300	11.20	158	MINQ	GUIA	1	15.1	130M	—	9003	—	—	—	Horizontal sin causa
P3	20	30	301	10.20	158	WARS	COCC	1	19	130M	2	19.1	Mul	130M		obvia
P3	20	30	301	10.20	158	WARS	COCC	2	10.9	130M	2	11.1	Mul	130M		
P3	20	30	302	9.28	156	INGA	THIB	1	13.6	130M	—	9003	—	—	—	Horizontal sin causa
P3	20	30	303	8.90	160	ANAX	CRAS	1	32.7	130M	1	34.0		130M		obvia
P3	20	30	304	9.40	157	WARS	COCC	1	29	130M	1	29.0		130M		
P3	20	30	306	8.74	167	LIANA		1	13.3	130M	1	13.3		130M		
P3	20	30	307	8.03	164	LACI	AGRE	1	73	130M	1	74		130M		
P3	20	30	308	8.05	171	LIANA		1	21.6	130M	2	21.6	Mul	130M		
P3	20	30	308	8.05	171	LIANA		2	17.6	130M	2	18.6	Mul	130M		
P3	20	30	309	8.25	166	OCOT	MEZI	1	14	130M	1	14.3		130M		
P3	20	30	311	7.21	145	ANAX	CRAS	1	39.2	130M	1	39.5				
P3	20	30	312	6.74	156	DIST	PITT	1	13	130M	—	9003	—	—	—	Horizontal sin causa
P3	20	30	313	6.58	154	DIST	PITT	1	24.8	130M	1	24.8		130M		obvia
P3	20	30	314	4.45	141	ANAX	CRAS	1	37.2	130M	2	37.2	Mul	130M		
P3	20	30	314	4.45	141	ANAX	CRAS	2	17.8	130M	2	18.1	Mul	130M		
P3	20	30	315	5.52	139	SCLE	COST	1	16.4	130M	—	9003	—	—	—	Horizontal sin causa
P3	20	30	316	3.31	163	GUAT	AERU	2	43	130M	—	9003	—	—	—	obvia
P3	20	30	317	3.80	167	PSYC	PANA	1	16.5	130M	—	9003	—	—	—	obvia
P3	20	30	317	3.80	167	PSYC	PANA	2	13.8	130M	1	13.8		130M		
P3	20	30	318	2.22	174	SCLE	COST	1	35.6	130M	—	9003	—	—	—	Horizontal sin causa
P3	20	30	318	2.22	174	SCLE	COST	2	13.2	130M	—	9003	—	—	—	obvia
P3	20	30	319	4.34	180	BORO	PANA	1	15.3	130M	2	15.3	Mul	130M		
P3	20	30	319	4.34	180	BORO	PANA	2	11.6	130M	2	11.6	Mul	130M		
P3	20	30	321	4.83	182	ANAX	CRAS	1	32.8	130M	1	32.8		130M		
P3	20	30	321	4.83	182	ANAX	CRAS	2	15.3	130M	—	9003	—	—	—	Horizontal sin causa
P3	20	30	322	4.34	180	BORO	PANA	1	11.8	130M	1	11.8		130M		obvia
P3	20	30	324	5.30	164	WARS	COCC	1	36.5	130M	1	36.4		130M		

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dif12	MUL12	AltMed12	AltMort12	Comentarios12
P3	20	30	325	4.75	171	ANAX	CRAS	1	74	130M	1	75		130M		
P3	20	30	327	4.76	188	GUAT	DIOS	2	52	130M	1	53		130M		
P3	20	30	328	8.27	182	PERE	ANGU	1	29.8	130M	1	29.8				
P3	20	30	329	6.43	180	FARA	PARV	1	46	130M	1	49		130M		
P3	20	30	330	8.27	182	CAPP	PITT	1	15.5	130M	-	9003	-	-	-	Horizontal sin causa obvia
P3	20	30	331	8.40	182	LIANA		1	22.5	130M	1	24.2		130M		
P3	20	30	333	8.68	186	DICH	NREV	1	20.1	130M	1	20.1		130M		
P3	20	30	334	11.00	188	OCOT	DEND	1	17.6	130M	1	17.7		130M		
P3	20	30	335	10.96	189	PROT	COST	1	44	130M	1	45		130M		
P3	20	30	336	10.70	193	LOZA	PITT	1	33.4	130M	1	34.0		130M		
P3	20	30	338	13.05	187	CASE	ARBO	1	46	130M	2	46	Mul	130M		
P3	20	30	338	13.05	187	CASE	ARBO	2	17.2	130M	2	17.2	Mul	130M		
P3	20	30	339	9.10	187	COMP	SPRU	1	16.6	130M	1	16.6		130M		
P3	20	30	340	13.32	191	LAET	PROC	1	23.1	130M	-	9003	-	-	-	Horizontal sin causa obvia
P3	20	30	341	14.25	181	WARS	COCC	1	27.2	130M	1	27.2		130M		
P3	20	30	342	13.30	175	ANAX	CRAS	1	15.7	130M	2	15.7	Mul	130M		
P3	20	30	342	13.30	175	ANAX	CRAS	2	26.6	130M	2	27.5	Mul	130M		
P3	20	30	343	12.70	178	CHAM		1	38	130M	1	38		130M		
P3	20	30	344	11.20	171	CHAM		1	36.4	130M	1	36.4		130M		
P3	20	30	345	11.77	168	GEON	CONG	1	19.3	130M	2	19.3	Mul	130M		
P3	20	30	345	11.77	168	GEON	CONG	2	25.3	130M	2	25.8	Mul	130M		
P3	20	30	347	3.60	219	MICO	NERV	1	31.1	130M	-	9003	-	-	-	Horizontal sin causa obvia
P3	20	30	347	3.60	219	MICO	NERV	2	24.2	130M	-	9003	-	-	-	
P3	20	30	349	4.89	201	POUT	STAN	1	48	130M	1	50		130M		
P3	20	30	352	9.15	207	PSYC	ELAT	1	56	130M	1	58		130M		
P3	20	30	354	10.52	201	PROT	PANA	1	56	130M	1	58		130M		
P3	20	30	356	11.35	203	LIANA		1	13.3	130M	-	9003	-	-	-	Horizontal sin causa obvia
P3	20	30	358	10.78	151	SWAR	SIMP	1	92	130M	1	93		130M		

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dfd12	MUL12	AltMed12	AltMort12	Comentarios12
P4	20	30	325	1.12	63	POUT	STAN	1	51	130M	1	52		130M		
P4	20	30	326	3.97	24	INGA	PEZE	1	89	130M	1	95		130M		
P4	20	30	327	4.43	357	PHOL	PULC	1	43	130M	1	44		130M		
P4	20	30	328	5.60	54	PHOL	PULC	1	32.2	130M	1	32.2		130M		
P4	20	30	329	6.72	64	LAET	PROC	1	56	130M	1	57		130M		
P4	20	30	330	7.95	70	PROT	PANA	1	19.5	130M	1	19.5		130M		
P4	20	30	331	10.34	65	GEON	CONG	1	22	130M	5	22.0	Mul	130M		
P4	20	30	331	10.34	65	GEON	CONG	2	24.9	130M	5	24.9	Mul	130M		
P4	20	30	331	10.34	65	GEON	CONG	3	25.3	130M	5	25.3	Mul	130M		
P4	20	30	331	10.34	65	GEON	CONG	4	24	130M	5	24.0	Mul	130M		
P4	20	30	331	10.34	65	GEON	CONG	5	25	130M	5	25.1	Mul	130M		
P4	20	30	332	8.95	44	HIRT	LENS	1	80	130M	1	81		130M		
P4	20	30	333	6.55	31	MAQU	COST	1	30.5	130M	2	30.5	Mul	130M		
P4	20	30	333	6.55	31	MAQU	COST	2	13	130M	2	13.1	Mul	130M		
P4	20	30	333	6.55	31	MAQU	COST	3	13.5	130M	—	9003	—	—	—	Horizontal sin cuesa obvia
P4	20	30	334	8.92	344	CASE	ARBO	1	77	130M	—	9003	—	—	—	Horizontal sin cuesa obvia
P4	20	30	334	8.92	344	CASE	ARBO	2	87	130M	1	89		130M		
P4	20	30	336	8.95	358	MELE	DONN	1	85	130M	1	85		130M		
P4	20	30	337	9.51	358	POUT	STAN	1	42	130M	1	43		130M		
P4	20	30	338	11.51	12	PERE	ANGU	1	13.5	130M	1	13.5		130M		
P4	20	30	339	9.51	19	OCOT	MEZI	2	25.6	130M	1	26.8		130M		
P4	20	30	340	11.28	23	PARA	STEN	1	31.5	130M	1	33.0		130M		
P4	20	30	341	10.25	28	PHOL	PULC	1	28.2	130M	—	9003	—	—	—	Horizontal sin cuesa obvia
P4	20	30	342	10.85	33	CAPP	PITT	1	77	130M	1	77		130M		
P4	20	30	343	12.73	34	PSYC	BUST	1	25.5	130M	1	26.8		130M		
P4	20	30	345	13.15	20	RINO	DEFL	1	57	130M	1	58		130M		
P4	20	30	359	5.95	1	ROLL	MICR	1	35	130M	1	35.0		130M		
P4	20	30	360	6.05	31	LAET	PROC	1	19	130M	1	20.2		130M		

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dif12	MUL12	AltMed12	AltMort12	Commentarios12
P5	20	30	344	3.87	210	LOZA	PITT	1	17.5	130M	1	18.1		130M		
P5	20	30	345	6.98	188	PROT	COST	1	58	130M	1	58		130M		
P5	20	30	346	7.82	197	FARA	STEN	1	90	130M	1	90		130M		
P5	20	30	347	8.72	210	TROP	INVO	1	52	130M	-	9003	-	-	-	Horizontal sin cuesa obvia
P5	20	30	347	8.72	210	TROP	INVO	2	31.6	130M	-	9003	-	-	-	13 11 1
P5	20	30	348	4.65	235	COMP	SPRU	1	52	130M	1	53		130M		
P5	20	30	349	5.91	223	1178	1178	1	13.7	130M	-	9003	-	130M	-	Horizontal sin cuesa obvia
P5	20	30	350	7.93	219	EUGE	1179	1	26.7	130M	1	27.5		130M		
P5	20	30	355	10.59	208	MAQU	COST	1	21.4	130M	1	21.4		130M		
P5	20	30	357	11.84	203	HENR	TUBE	1	19.5	130M	3	19.5	Mul	130M		
P5	20	30	357	11.84	203	HENR	TUBE	2	19.3	130M	3	20.2	Mul	130M		
P5	20	30	357	11.84	203	HENR	TUBE	3	15.6	130M	3	15.6	Mul	130M		
P5	20	30	358	13.11	192	CAPP	PITT	1	58	130M	2	58	Mul	130M		
P5	20	30	358	13.11	192	CAPP	PITT	2	61	130M	2	61	Mul	130M		
P5	20	30	359	13.14	192	FARA	PARV	1	28.8	130M	1	29.0		130M		
P5	20	30	360	12.21	178	RINO	DEFL	1	29.7	130M	1	29.5		130M		
P5	20	30	361	10.41	164	ESCH	CALY	1	15.4	130M	1	15.4		130M		
P5	20	30	362	10.06	161	PROT	1180	1	21.3	130M	1	21.5		130M		
P5	20	30	363	10.08	158	FARA	PARV	1	18.5	130M	1	18.6		130M		
P5	20	30	364	10.03	155	GUAR	1181	1	14.1	130M	3	14.1	Mul	130M		
P5	20	30	364	10.03	155	GUAR	1181	2	15.3	130M	3	15.3	Mul	130M		
P5	20	30	364	10.03	155	GUAR	1181	3	15.9	130M	3	17.3	Mul	130M		
P5	20	30	365	6.32	147	WARS	COCC	1	42	130M	1	45		130M		
P5	20	30	366	6.38	161	NAUC	NAGA	1	17.6	130M	1	17.9		130M		
P5	20	30	367	6.80	165	PIPER	1182	1	40	130M	2	40	Mul	130M		
P5	20	30	367	6.80	165	PIPER	1182	2	35.8	130M	2	36.1	Mul	130M		
P5	20	30	368	7.70	180	PROT	PITT	1	27.2	130M	1	27.2		130M		
P5	20	30	369	8.32	187	LICA	GLAB	1	23.2	130M	1	23.5		130M		

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Seaweed

plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	DM11	AltMed11	NT12	Dfd12	MUL12	AltMed12	AltMort12	Commentarios12
P6	20	30	340	0.80	332	MICO	1195	1	19.6	130M	2	19.8	Hul	130M		
P6	20	30	340	0.80	332	MICO	1195	2	17.2	130M	2	17.2	Hul	130M		
P6	20	30	341	1.74	339	EUGE	1196	1	45	130M	1	46		130M		
P6	20	30	342	2.67	325	LIANA		1	35.5	130M	1	36.1		130M		
P6	20	30	343	3.38	320	PIPER		1	13.3	130M	1	13.3		130M		
P6	20	30	345	3.87	330	PIPER	CENO	1	13.1	130M	1	13.1		130M		
P6	20	30	346	2.82	340	CESP	MACR	1	53	130M	1	53		130M		
P6	20	30	347	2.66	5	WARS	COCC	1	15.3	130M	3	15.3	Hul	130M		
P6	20	30	347	2.66	5	WARS	COCC	2	14.3	130M	3	14.5	Hul	130M		
P6	20	30	347	2.66	5	WARS	COCC	3	10.8	130M	3	10.8	Hul	130M		
P6	20	30	348	4.21	4	WARS	COCC	2	19.2	130M	1	20.0		130M		
P6	20	30	349	4.75	0	CASE	ARBO	1	47	130M	1	48		130M		
P6	20	30	350	7.85	26	MICO	1197	1	28	130M	1	28.0		130M		
P6	20	30	351	9.75	29	GEON	CONG	1	25.6	130M	4	25.6	Hul	130M		
P6	20	30	351	9.75	29	GEON	CONG	2	26.3	130M	4	26.3	Hul	130M		
P6	20	30	351	9.75	29	GEON	CONG	3	23.1	130M	4	23.1	Hul	130M		
P6	20	30	351	9.75	29	GEON	CONG	4	25.3	130M	4	25.3	Hul	130M		
P6	20	30	352	10.15	14	CESP	MACR	1	67	130M	1	69		130M		
P6	20	30	353	10.82	8	SOCR	EXOR	1	87	130M	1	91		130M		
P6	20	30	355	11.83	2	SWAR	SIMP	1	30.3	130M	1	30.5		130M		
P6	20	30	356	11.03	355	CASE	ARBO	1	62	130M	1	62		130M		
P6	20	30	357	9.50	349	GUAT	DIOS	1	53	130M	1	55		130M		
P6	20	30	358	9.72	350	OCOT	MEZI	1	49	130M	1	52		130M		
P6	20	30	360	13.90	345	MICO	ELAT	1	65	130M	2	67	Hul	130M		
P6	20	30	360	13.90	345	MICO	ELAT	2	18.4	130M	2	18.4	Hul	130M		
P6	20	30	361	10.85	343	MICO	MULT	1	25.3	130M	1	25.3		130M		
P6	20	30	362	10.75	340	PSYC	ELAT	1	43	130M	1	43		130M		
P6	20	30	364	9.10	335	PERE	ANGU	1	28.9	130M	1	28.9		130M		

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plot	1r	2nd	tree	dist	ang	Gen	Sp	TID	Dif11	AltMed11	NT12	Dif12	MUL12	AltMed12	AltMort12	Comentarios12
P6	20	30	365	10.28	342	LIANA		1	25.6	130M	1	25.6		130M		
P6	20	30	366	9.81	336	POUT	1198	1	45	130M	1	46		130M		
P6	20	30	367	11.07	335	RINO	DEFL	1	20.2	130M	1	20.2		130M		
P6	20	30	368	11.30	331	RINO	DEFL	1	23.7	130M	1	23.7		130M		
P6	20	30	369	11.79	330	ILEX	SKUT	3	33.7	130M	1	33.9		130M		
P6	20	30	371	9.68	317	SIPA	GRAN	1	18.5	130M	3	18.5	Mul	130M		
P6	20	30	371	9.68	317	SIPA	GRAN	2	17.5	130M	3	17.5	Mul	130M		
P6	20	30	371	9.68	317	SIPA	GRAN	3	11.8	130M	3	11.8	Mul	130M		
P6	20	30	372	10.25	314	PROT	PITT	1	25.7	130M	1	26.0		130M		
P6	20	30	374	9.80	313	COMP	SPRU	1	37.9	130M	1	37.9		130M		
P6	20	30	375	8.41	310	SIPA	GRAN	1	15	130M	1	15.0		130M		
P6	20	30	376	7.71	315	PROT	GLAB	1	20.1	130M	1	20.2		130M		
P6	20	30	377	7.45	313	MICO	APPE	1	25.7	130M	1	25.7		130M		
P6	20	30	378	7.17	314	STRY	EXEL	1	27.2	130M	1	27.2		130M		
P6	20	30	379	7.30	315	COMP	SPRU	1	16.3	130M	1	16.3		130M		
P6	20	30	380	7.39	322	MICO	APPE	1	14.6	130M	1	14.8		130M		
P6	20	30	381	7.03	320	MICO	APPE	1	27	130M	1	27.0		130M		
P6	20	30	382	7.40	326	MICO	APPE	1	17.3	130M	1	17.3		130M		
P6	20	30	383	7.40	326	MICO	APPE	1	15.1	130M	1	15.1		130M		
P6	20	30	384	6.68	333	MICO	APPE	1	24.4	130M	1	24.4		130M		
P6	20	30	386	2.23	27	SOCR	EXOR	1	73	130M	1	73		130M		
P6	20	30	394	8.94	327	MICO	APPE	1	16.3	130M	1	16.5		130M		
P6	20	30	395	8.40	310	SIPA	GRAN	1	15.8	130M	1	15.8		130M		
P6	20	30	403	10.25	318	MICO	APPE	1	20.7	130M	3	21.0	Mul	130M		
P6	20	30	403	10.25	318	MICO	APPE	2	22.6	130M	3	23.2	Mul	130M		
P6	20	30	403	10.25	318	MICO	APPE	3	14.5	130M	3	14.5	Mul	130M		
P6	20	30	403	10.25	318	MICO	APPE	4	11.3	130M	-	9003	-	-		Horizontal sin lousa
P6	20	30	404	7.03	320	MICO	APPE	1	16.8	130M	1	16.8		130M		obvia

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